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पुस्तकालय



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पुस्तक संख्या  
आगत पत्रिका संख्या

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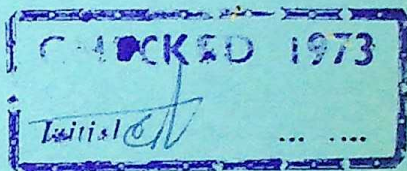






YEAR-BOOK  
OF THE  
ROYAL ASIATIC SOCIETY OF BENGAL

Vol. IV, 1938



CALCUTTA

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**Officers and Members of Council**  
**ROYAL ASIATIC SOCIETY OF BENGAL**

1939

*President*

Sir David Ezra, Kt., F.Z.S., M.B.O.U.

*Vice-Presidents*

Lt.-Col. N. Barwell, M.C., M.A., Barrister-at-Law.

Bt.-Col. R. N. Chopra, C.I.E., M.A., M.B., I.M.S., F.R.A.S.B.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

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Bahadur of Burdwan.

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F.R.A.S.B.  
Physical Science :—J. N. Mukherjee, Esq., D.Sc.,  
F.C.S., F.R.A.S.B.

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**ROYAL ASIATIC SOCIETY OF BENGAL**

**PRIVILEGES OF ORDINARY MEMBERS**

- (a) To be present and vote at all General Meetings, which are held on the first Monday in each month except in September and October.
- (b) To propose and second candidates for Ordinary Membership.
- (c) To introduce visitors at the Ordinary General Meetings and to the grounds and public rooms of the Society during the hours they are open to members.
- (d) To have personal access to the Library and other public rooms of the Society, and to examine its collections.
- (e) To take out books, plates, and manuscripts from the Library.
- (f) To receive *gratis* copies of the *Journal*, *Year-Book* and *Memoirs* of the Society.
- (g) To fill any office in the Society on being duly elected thereto.





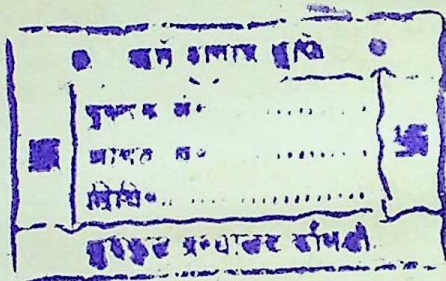
YEAR-BOOK  
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ROYAL ASIATIC SOCIETY OF BENGAL

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VOLUME IV

1938







# Year-Book, Royal Asiatic Society of Bengal, 1937.

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## PROCEEDINGS OF THE ANNUAL MEETING, 1938.

FEBRUARY.

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th February, 1938, at 5-30 P.M.

PRESENT.

RAI SIR UPENDRA NATH BRAHMACHARI BAHADUR, KT., M.A., M.D., Ph.D., F.S.M.F., F.R.A.S.B., F.N.I., Acting President, in the Chair.

### Members :

Ahmad, Mr. Shams-uddin	Hobbs, Mr. H.
Bagchi, Rai Bahadur K. N.	Hora, Dr. S. L.
Bhose, Mr. Jotish Chandra	Jack, Hon. Mr. Justice R. E., Kt.
Biswas, Dr. K. P.	Jenkins, Dr. W. A.
Brahmachari, Dr. P. N.	Kavyatirtha, Pt. R. D.
Brahmachari, Rai Bahadur S. C.	Lal, Dr. R. B.
Brown, Mr. Percy	Mahindra, Mr. K. C.
Chakladar, Mr. H. C.	Manen, Mr. Johan van
Chakravarty, Mr. C.	Mitter, Mr. S. C.
Chatterji, Dr. S. K.	Mookerjee, Mr. B. G.
Chopra, Bt.-Col. R. N.	Mukherjee, Dr. J. N.
Datta, Mr. H. N.	Mukherjee, Rai Bahadur Pannalal
Deb, Raja K., Rai Mahasai	Olpadvala, Mr. E. S.
Dugin, Mr. L. S.	Pasricha, Major C. L.
Dutt, Mr. M. N.	Prashad, Dr. Baini
Ezra, Sir David	Rahman, Mr. S. K.
Fermor, Sir L. L.	Ray, Dr. H. C.
Gangoly, Mr. O. C.	Sahni, Dr. M. R.
Ghatak, Mr. J. C.	Sen, Mr. D. N.
Ghosal, Dr. U. N.	Singh Roy, Mr. S.
Ghose, Mr. Sushil Chandra	Sircar, Mr. Ganapati
Ghosh, Dr. J.	Thomas, Dr. F. W.
Guha, Dr. B. S.	Wadia, Mr. D. N.
Heron, Dr. A. M.	West, Mr. W. D.

and others.

### Visitors :

Bannerjee, Mr. G. N.	Crump, Mr. Basil
Banerjee, Mr. M. C.	Cullen, Mr. A. B.
Bhaumik, Mr. H. P.	Didot, Mons. M.
Biswas, Mrs. K. P.	Didot, Mme.
Biswas, Mr. P.	Dubois, Mons. P.
Bose, Mr. C. K.	During, Herr Helgo von
Bose, Dr. S. R.	Ellis, Mr. Norman A.
Chakravarti, Mr. P. K.	Ghose, Mr. Ajit
Chaudhuri, Mr. B.	Hafiz, Mr. H. A.
Chaudhuri, Dr. J. B.	Ishaque, Mr. Mohd.
Cleather, Mr. G. Gordon	Knight, Mr. P.



## Visitors :

Lethbridge, Mr.  
Lethbridge, Mrs.  
Mookerjee, Mr. N. K.  
Mookerjee, Mr. R. R.  
Osman, Mr. Md.

Parker, Mr. M.  
Ray, Raja P. N., of Dighapatiya.  
Sarkar, Mr. S. S.  
Sen, Major J. L.  
Sinha, Mr. Ramkamal  
and many others.

The Acting President for 1937 declared the Annual Meeting open and said—

‘LADIES AND GENTLEMEN,

Voting papers for the election of new Council for 1938 will be distributed to all the Ordinary Members present.

I request the Ordinary Members present to deliver their votes in the collection box which will be sent round to them.’

After the distribution of voting papers the Acting President appointed Messrs. H. Hobbs and L. S. Dugin to act as scrutineers.

The General Secretary then presented the Annual Report for 1937. (See page 16.)

After the presentation of the Annual Report, the Acting President delivered his Annual Address. (See page 9.)

The President called upon the scrutineers to report and the Acting President thereupon announced the results of the Council election with these words:—

‘LADIES AND GENTLEMEN,

I now announce the result of the Council election. On the report of scrutineers, I have the pleasure to declare that all the candidates set forth in the Ballot paper for the next year have been duly elected.’ (See page 10.)

The Acting President for 1937 then vacated the Chair to the President for 1938 with these words:—

‘In now giving place to the newly elected President, Sir David Ezra, I give him on your behalf a most hearty welcome to the Presidential Chair. Sir David has during his membership taken a most active interest in our Society and has been for many years a valued member of Council. In him we welcome a past Sheriff of Calcutta as our President and also an ardent student of Zoology. His very long and fruitful association with the Calcutta Zoological Gardens in Alipore is well known and his own private Zoological Garden on a smaller scale is contiguous to this Society. As a man of business he will be able to assist the Society with its practical problems, as a Zoologist he will know to appreciate its scholarly interests and as a personality he will have the affection and support of all of us.’



The President for 1938 then took the chair and briefly thanked the Society for his election, as follows:—

'SIR UPENDRA NATH, LADIES AND GENTLEMEN,

I thank our Chairman for the generous and friendly words he addressed to me and the Society for the honour it has bestowed on me by its election. I will only add that it will be my ambition to maintain the high traditions of our venerable Society and to discharge my duties to the best of my abilities, with full confidence that I can rely upon the support and good will of you all.

Once more my very best thanks.'

The President for 1938 made the following announcements:—

'I have to announce that there were no vacancies on the list of our Ordinary Fellows last year and so no elections were held this year.

I have now to announce that papers from two candidates have been received in competition for the Elliot Prize for Scientific Research for the year 1937 which was for Chemistry and the Trustees have judged the papers of one candidate deserving of the award.

The Prize for the year is accordingly awarded to Dr. Pulin Behari Sarkar, Professor of Chemistry of the Vidyasagar College, Calcutta, for meritorious contributions to the subject of Chemistry.

The prize for 1938 will be for Physics, regarding which a detailed announcement has been published in the *Calcutta, Bihar, and Orissa Gazettes*.

My next announcement regards the Sir William Jones memorial medal. This medal is awarded triennially for conspicuously important Asiatic Researches with reference alternately to (1) Science, including Medicine and (2) Philosophy, Literature and History. This year the medal is for Philosophy, Literature and History, and is awarded to:

Prof. Dr. A. J. Wensinck of Leyden, Holland.

My next announcement regards the Barclay Memorial Medal. This medal is awarded biennially for conspicuously important contributions to Medical and Biological Science with special reference to India.

This year the medal is awarded to:

Bt.-Col. R. N. Chopra, Director, School of Tropical Medicine, Calcutta, for his long sustained and distinguished labours in the field of Medical Research.

My next announcement regards the Indian Science Congress (Calcutta) medal. This medal is awarded in such years as the session of the Congress is held in Calcutta and to a person who, in the opinion of the Council, has rendered conspicuously important services to the Indian Science Congress, or on a member of



the Indian Science Congress Association, who in the opinion of the Council, has made important contributions to Science.

This year the medal is awarded to:

Sir James H. Jeans, President of the Indian Science Congress Association, and ex-President of the British Association, for his important contributions to Science.

My last announcement regards the Brühl Memorial Medal. This medal is awarded every three years for conspicuously important contributions to the knowledge of Asiatic Botany.

It has been decided that no award shall be made this year.

After these announcements, the President for 1938 declared the Annual Meeting dissolved and invited the guests to examine the exhibits at the other end of the hall and the members present to continue in Ordinary Monthly Meeting of the Society for the election of members and the transaction of business. (For a detailed description of the exhibits, see page 11.)



## ANNUAL ADDRESS, 1937-38.

'LADIES AND GENTLEMEN,

It is usual that the programme of the Annual Meeting includes the delivery of an Annual Address. It is, however, no statutory prescription that such an address should be delivered and consequently its length is also not prescribed. The greatest latitude has been observed by the successive speakers in our Annual Meetings and recorded speeches vary from 8 to 80 printed pages. For various reasons I will set up this evening a record for brevity. Not only it has fallen to my lot to deliver three such addresses in recent years but today for a second time I find myself in the Chair as Acting President through the absence of the President, Sir John Anderson. My modesty makes me think that you may perhaps wish to forego infliction of a fourth full size address from me this evening. Secondly, even if these reasons were not valid I plead the circumstance of illness, having been indisposed for the last two weeks which makes me fear that my strength would not be sufficient to perform a set oration with the required energy. It would however not be fitting if I did not here make reference to our great respect for our absent President and did not place on record our very warm appreciation for the great interest he has shown in the work of our Society and the valuable guidance he has given it during his term of Presidentship. My Annual Address will therefore consist of these few remarks and of an expression of the hope that a long period of useful service and activity may lie before us and that future years may prove the Society to remain a worthy custodian of its venerable traditions and past history. With these few words I will now proceed to the next item of our programme.'

U. N. BRAHMACHARI.

*The 7th February, 1938.*



## OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1938.

*Elected and announced in the Annual Meeting,  
7th February, 1938.*

### *President*

Sir David Ezra, Kt., F.Z.S., M.B.O.U.

### *Vice-Presidents*

A. M. Heron, Esq., D.Sc., F.G.S., F.R.G.S., F.R.S.E.,  
F.R.A.S.B.

Lt.-Col. N. Barwell, M.C., M.A., Barrister-at-Law.

Bt.-Col. R. N. Chopra, C.I.E., M.A., M.B., I.M.S., F.R.A.S.B.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

### *Secretaries and Treasurer*

General Secretary:—Johan van Manen, Esq., C.I.E., F.R.A.S.B.

Treasurer:—Percy Brown, Esq., A.R.C.A., F.R.A.S.B.

Philological Secretary:—S. K. Chatterji, Esq., M.A., D.Lit.,  
F.R.A.S.B.

Joint Philological Secretary:—Shamsu'l 'Ulama Mawlawi M.  
Hidayat Hosain, Khan Bahadur, Ph.D., F.R.A.S.B.

Natural History Secretaries { Biology:—Baini Prashad, Esq., D.Sc., F.Z.S.,  
F.R.S.E., F.R.A.S.B.  
Physical Science:—J. N. Mukherjee, Esq.,  
D.Sc., F.C.S., F.R.A.S.B.

Anthropological Secretary:—B. S. Guha, Esq., M.A., Ph.D.

Medical Secretary:—Rai Sir Upendra Nath Brahmachari  
Bahadur, Kt., M.A., M.D., Ph.D., F.R.A.S.B.

Library Secretary:—M. Mahfuz-ul-Haq, Esq., M.A.

### *Other Members of Council*

N. G. Majumdar, Esq., M.A., F.R.A.S.B.

K. C. Mahindra, Esq., B.A.

W. D. West, Esq., M.A.

Sir George Campbell, Kt.

Major. C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S.

Kalipada Biswas, Esq., M.A., D.Sc.



## EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AFTER THE ANNUAL MEETING OF  
THE ROYAL ASIATIC SOCIETY OF BENGAL, ON THE  
7TH FEBRUARY, 1938.

### 1. G. N. BANNERJEE.

- (1) Buddhist image with six hands and sakti in arms—size 7"×5" (Nepal)—gilt over coffer.
- (2) Buddha in meditation in black stone. Size 5"×3" (Patna City).
- (3) Black stone Buddha (Bodh Gaya). Size 6"×4½".
- (4) Sand stone image of the body of a man (Khajuraha).
- (5) Buddha—gilt on terra-cotta (Siam).
- (6) Mother of pearl stone (Siam).
- (7) Wooden mask of Gadur—(Bali island).
- (8) One piece ornamental brick (Rajshahi—Bengal).
- (9) A palm leaf book cover (modern)—Orissa.
- (10) Bronze image of 'Kinnari'—Cambodia.

### 2. KALIPADA BISWAS.

*Some rare plants recently introduced in the Royal Botanic Garden, Calcutta.*

#### (1) *Cinchona Ledgeriana* Wedd.

It is the well-known Quinine plant now under cultivation in the Darjeeling District. The Quinine manufactured in the Quinine Factory at Mungpoo is mainly derived from the bark of this species. The plant has been received by the courtesy of Mr. S. C. Sen, Superintendent, Cinchona Cultivation in Bengal.

#### (2) *Meconopsis nepalensis* D.C. and *Meconopsis Wallichii* Hook.

These are superb plants resembling small yellow holyhocks. They are common in the damp interior forest of Sikkim, growing amidst a rank and luxurious harvest on the west of Silver-fir forest (*Abies Webbiana*) at an elevation of 9–12,000 ft.

#### (3) *Salvinia auriculata* Aubet.

This is a pretty water fern recently introduced from Brazil. It has been received by the courtesy of Dr. E. Hanning of Munster by exchange. The plant is doing exceedingly well in Indian climate and we may find this plant in near future in our tanks as a common aquatic weed, but it will not turn out to be such a pest as water-hyacinth.

#### (4) *Nepenthes Khasiana* Hk.f.

Two rare species native of Garo Hills just received from the interior forests by the courtesy of the Conservator of Forests, Assam.

#### (5) *Senecio verticillatus* Klatt.

A peculiar Peruvian species of the family of Compositae received from the Curator, Ootacamund Garden.



(6) *Cotyledon gibbiflora* Moc. and Sesse.

A handsome succulent plant of tropical America (Mexico) introduced in India some years ago. It thrives well in the subtemperate hill ranges flowering in cold season. Received from the Curator, Ootacamund Garden.

(7) *Cypripedium Venustum* Wall.

An orchid from the Eastern Himalayas and Sikkim made to flower in the plains.

(8) *Echinocactus*.

A rare Cactus cultivated for years at the Garden—originally received from Germany.

(9) *Rhipsalis Cassytha* Gaertn. (Naked Rhipsalis).

It is of the family of Cactæ. The plant is raised from seeds received from Germany by exchange. The plant resembles 'Mistletoe', and is a native of Tropical America.

(10) *Adiantum Tenerum* S.W. var. *Farleyense*.

A West Indian species, successfully grown in the hot houses of the Garden for years.

(11) *Adiantum* sp.

A Garden hybrid.

## 3. PERCY BROWN.

*Pages from an old sketch book.*

Belonging to a Tibetan Artist. With Diagrams in red showing the conventional methods by which he designed the tutelary deities and C. in his Tongas (Banners).

## 4. CHINTAHARAN CHAKRAVARTI.

*A number of interesting Manuscripts.*

1. *Manuscripts of Sanskrit works on the Persian language composed at the instance of Muhammadan rulers.*

(1) *Pārasīprakāśa* (R.A.S.B.—No. 496)—A lexicographical work dealing with Sanskrit and Persian words composed by Kṛṣṇadāsa at the instance of Akbar.

(2) *Pārasīprakāśa* (R.A.S.B.—No. 9005)—Another copy of the previous work.

(3) *Pārasīprakāśa* (R.A.S.B.—No. 8287)—A grammar of the Persian language written in Sanskrit by Kṛṣṇadāsa who wrote under orders of Akbar.

(4) *Pārasīpadaprakāśa* (R.A.S.B.—No. I. E. 47)—A lexicographical work of the type of the one by Kṛṣṇadāsa, by Kavikarnapūra of Kāmarūpa who wrote under orders of Jehangir.

(5) *Bhāṣāsārasaṃgraha* (R.A.S.B.—No. I. E. 47)—A work by Kavikarnapūra containing a brief account of the peculiarities of the Persian language.

(6) *Pārasīprakāśa* (R.A.S.B.—No. 8328)—A lexicographical work, accompanied by the author's own commentary on it, dealing with astronomical terms in Sanskrit and Persian, by Vedāṅgarāya who wrote for the satisfaction of Shah Jahān.



(7) *Pārasīprakāśa* (R.A.S.B.—No. 8229)—The same work accompanied by the *Pārasīprakāśavinīta*, presumably a commentary by Vrajabhūṣana which generally agrees with the commentary in the previous MS.

(8) *Pārasīprakāśa* (R.A.S.B.—No. 8230)—The same work accompanied by an anonymous commentary which generally agrees with the commentary in the previous MSS.

(For details about these and similar works cf. *Abhang. König. Akad. Wissen. Berlin*, 1887, 1888; *Journ. As. Soc. Beng.*, 1928, p. 463ff. *Sahitya Parisat Patrika*, Vol. XLIV, pp. 39ff.)

## II. Manuscripts copied by and for ladies.

(1) *Saundaryalaharī* of Śaṅkarācārya (R.A.S.B.—No. 9383)—Copied for the recitation of Jayantī Devī.

(2) *Premavilāsa* of Nityānanda Dāsa (*Vaṅgiya Sāhitya Pariṣat*—No. 262)—Copied by Dhavjāmani Pāṭṭamahādevī (wife of Gopālasīṃhadeva, Rājā of Viṣṇupur, Bankura).

(3) *Annadāmaṅgala* of Bhāratacandra (*Vaṅgiya Sāhitya Pariṣat*—No. 2633)—Believed to have been copied by Muktakeśī Vasujāyā, wife of Virācandra Vasu, a distant uncle of Raja Rajendralala Mitra.

(4) *Rāmāyana* of Kṛttivāsa (*Laṅkākāṇḍa*) (*Vaṅgiya Sāhitya Pariṣat*—No. 136)—Copied for Mahārāṇī Anandakumārī at the house of her father Gopālacandra.

(5) *Rāmāyana* of Kṛttivāsa (*Uttarākāṇḍa*) (*Vaṅgiya Sāhitya Pariṣat*—No. 137)—Copied for the reading of Mahārāṇī Anandakumārī at the house of her father Gopālacandra.

## III. Manuscript of a commentary on a Smṛti work attributed to a lady.

(1) *Kālamādhavalakṣmī* (R.A.S.B.—Nos. 8852-3)—Different parts of the same MS. of a commentary on the *Kālanirṇaya* of Mādhava attributed to Lakṣmī, wife of Vaidyanātha Pāyaguṇḍe, whose name is associated with another well-known commentary called the *Bālam-bhaṭṭī* on the *Mitākṣarā*.

## 5. O. C. GANGOLY.

### Two Original Moghul Portraits.

(1) Portrait of Aurangzib.

(2) Portrait of Shāh Jahān as Prince Khurram.

## 6. GEOLOGICAL SURVEY OF INDIA.

### I. Serial drawings illustrating the progressive evolution of :

#### (1) The Elephant :

*Moeritherium*, Middle Eocene elephant.  
*Palaeomastodon*, Upper Eocene    "  
*Trilophodon*, Miocene                "  
*Tetralophodon*, Lower Pliocene    "  
*Synconolophus*, Middle            "  
*Stegodon*, Upper                    "  
 Modern Indian elephant.



(2) *The Horse :**Eohippus*, Lower Eocene horse.*Orohippus*, Middle " "*Merychippus* " Miocene "*Pliohippus*, Pliocene "*Equus scotti*, Pleistocene "

Modern horse.

II. *Familiar animals in the fossil state.*

(1) Ox, (2) Horse, (3) Pig, (4) Turtle, (5) Crocodile, (6) Frog.

III. *Fossil and other evidence of physical conditions in past geological times.*

(1) Glaciated boulder, striated by moving ice, found in Korea State, Central Provinces, indicating cold climatic conditions.

(2) Dreikanter found near Rohri, Sukkur, showing arid desert conditions.

(3) *Weichselia reticulata*, probably a xerophytic fern (characteristic of dry conditions) from Ahmednagar (Himatnagar), indicating desert conditions in that region during Cretaceous times.

(4) Fossil palm from Birbhum District, indicating tropical climate in the Tertiary times.

(5) *Bullinus*, a gastropod, that lived like its modern representatives in fresh water, when the Deccan lavas were being poured out. (From the Central Provinces).

(6) Fossil coral, from the Himalayas, indicating marine conditions in that region during the Devonian period.

(7) Varied clay, showing climatic changes reflected in the sedimentation. Talchir beds, North Karanpura Coalfield.

## 7. STELLA KRAMRISCH.

*Shadowplay.*

Two figures (1) Rāma (2) Lakṣmaṇa used in shadowplays (Rāmāyana) performed in Cheruthuruthi, Cochin State, S.I. The figures are made of deer skin.

## 8. ZOOLOGICAL SURVEY OF INDIA.

I. *A new Exhibit in the Invertebrate Gallery of the Indian Museum.*

This is a model of a group of Sea-anemones of the species, *Cerianthus membranaceus*, and its varieties in their natural habitat. They are soft-bodied solitary animals living in a tough leathery tube buried in sand or mud, frequently amongst rocks. A large portion of the body is usually lodged inside the tube leaving the oral disc with its tentacles outside.

The large specimen in the centre of the group is active and is in the act of entangling among its tentacles a small crustacean prior to passing it on to the oral aperture.

The large specimen at the bottom of the group is embedded in sand and is in a quiescent state. The small individual at the top is a young sea-anemone of the same species attached to the rock by means of a battery of nematocysts or stinging capsules. The small one at the bottom is a later stage when a tube has been formed by the anemone in sand. The small green anemone on the left is a colour variety of the same species.



This species is noted for its longevity. A specimen in the aquarium at Naples has lived for over fifty years.

## II. Two new Exhibits in the Fish Gallery of the Indian Museum.

### (1) *Air-breathing Fishes of India, with special organs for aerial respiration.*

Models of dissected specimens of Koi (*Anabas testudineus*), Lata (*Ophicephalus punctatus*), Sauli (*Ophicephalus striatus*), Magur (*Clarias batrachus*), Singi (*Heteropneustes fossilis*) and Kuchi (*Amphipnous cuchia*), showing organs of aerial respiration, are exhibited. In the accompanying label, in English and Bengali, a brief description of these organs is given and the ecological conditions responsible for aerial respiration in fishes are briefly indicated.

### (2) *A piece of planking and copper sheathing, from the bottom of the Barque Adele, pierced by the sword of a Sword-fish.*

On the label accompanying the specimen a brief description of the exhibit, both in English and Bengali, is given. The specimen was originally presented to the Society in 1833, and later transferred to the Indian Museum.

A complete specimen and one skull of Sword-fish are also exhibited to show the nature of the bony sword.

## III. *Amphipsyche indica Martynov (Trichoptera).*

The exhibit is a portion of the mat of larval and pupal cases of the Caddis-fly *Amphipsyche indica* Mart. (Fam: Hydropsychidae) and was collected from the sides of the outlet channel of the final settling tank in the Pulta Water Works. The cases are attached side by side in the form of a honeycomb in two to three tiers.

The anterior ends of the dead larvæ can be seen protruding through the openings of their cases. The cases of the pupæ are closed by disc-like plates with a number of minute slits in the middle for purposes of respiration.

A larva and a pupa removed from the cases together with adult Caddis-flies of both sexes are also exhibited.

## 9. THE GENERAL SECRETARY.

### (1) *The Society's Publications of 1937.*

- (a) Journal.
- (b) Proceedings, Indian Science Congress.

### (2) *Some recent publications by Members of the Society.*

- (a) O. C. Gangoly : Love-Poems in Hindi. Calcutta, 1936.
- (b) Sarat Chandra Roy : The Khariyas. 2 vols., Ranchi, 1937.
- (c) Sir J. C. Coyajee : Cults and Legends of Ancient Iran and China. Bombay, 1936.
- (d) S. M. Jaffar : The Mughal Empire from Babar to Aurangzeb. Peshawar, 1936.
- (e) Raghubir Sinh : Malwa in Transition. Bombay, 1936.
- (f) Sir J. G. Frazer : Aftermath. London, 1936.
- (g) C. Snouck Hurgronje : Mekka. Leyden, 1931.



## ANNUAL REPORT FOR 1937.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1937.

### 1. Ordinary Members.

*Gains and losses.*—These were as follows during the year :—

<i>Gains.</i>		<i>Losses.</i>	
Elections carried forward ..	13	Elections carried over ..	4
New elections ..	20	Elections lapsed ..	6
Rule 39 ..	1	Deaths ..	6
		Resignations ..	17
		Rule 38 ..	8
TOTAL ..	34	TOTAL ..	41

Initial total 415 ; net loss 7 ; final total 408.

*Rule 38.*—This Rule, dealing with members whose subscriptions are in arrears, was strictly applied and names of 8 Members were consequently removed from the roll for this cause.

*Membership List.*—The customary detailed cross-check of the membership list with the membership card index was made at the end of the year.

*Non-resident Members.*—Their total at the end of the year was 99, leaving more than ever room for substantial expansion.

*Life-members.*—The total of our life-members has remained the same, namely 55. None was lost by death ; and no Member compounded during the year.

*Deaths.*—This year the loss to the Society by death has been the same as that of the year before. Amongst the distinguished and especially valued members lost to us, for whose departure the Society is the poorer, and whose memory will be cherished, the following may be mentioned :—

Sir J. C. Bose (Ordinary Member, 1895 and Ordinary Fellow, 1912).

Hon'ble Mr. B. K. Basu (Ordinary Member, 1929).

Sir W. L. Travers (Ordinary Member, 1929).

### 2. Associate Members.

During the year all those Associate Members due for re-election (Rule 20) were re-elected for a further period of five



years. No new Associate Members were elected, and none amongst those on the roll was lost.

The present number stands at 5; statutory maximum 15.

### 3. Special Anniversary Honorary Members.

During the year the Society received to its great regret news of the death of one of the Special Anniversary Honorary Members elected on the occasion of its 150th Anniversary :—

Baron Ernest Rutherford of Nelson (1934).

The present number stands at 10.

### 4. Institutional Members.

During the year the following new institutions were admitted to this class of membership :—

The University of Dacca, Dacca.

The University of Agra, Agra.

The total number is 12.

### 5. Ordinary Fellows.

At the Annual Meeting held on the 15th February, 1937, the following Members were elected Ordinary Fellows :—

Dr. K. N. Bahl.

Rao Bahadur K. N. Dikshit.

Dr. N. N. Law.

Dr. J. N. Mukherjee.

We lost through death the following Ordinary Fellow :—

Sir J. C. Bose (1912).

At the end of 1937 the number of Ordinary Fellows was 49; statutory maximum 50.

### 6. Honorary Fellows.

During the year there were no new elections. Two Honorary Fellows were lost by death :—

Mahamahopādhyāya Kāmākhyānātha Tarka-vāgīśa (1911).

Dr. H. Jacobi (1930).

The number at the end of the year stands at 19; statutory maximum 30.

### 7. Obituary.

During the year the Society received to its great regret news of the death of the following :—

Dewan Bahadur L. K. Anantha Krishna Iyer (An Associate Member, from 1910 to 1928).



### 8. Condolences.

The Council expressed condolences to the relatives of the following deceased during the year :—

MM. Kamakhyanath Tarkavagisa, an Honorary Fellow, since 1911.  
 Dr. Hermann Jacobi, an Honorary Fellow, since 1930.  
 Baron Ernest Rutherford of Nelson, a Special Anniversary Honorary Member, since 1934.  
 Sir J. C. Bose, an Ordinary Member, since 1895 and an Ordinary Fellow of the Society, since 1912.

### 9. Council.

The Council met 12 times during the year. The attendance averaged 12 of the 20 component members.

The following resolutions of thanks were passed by the Council :—

To the President, H.E. Sir John Anderson, for his acceptance of an invitation to a farewell-tea by Council on the 16th November, 1937.  
 To Rai Bahadur Ramaprasad Chanda for the valuable services rendered by him as Anthropological Secretary.  
 To the retiring Members of Council for the services rendered by them to the Society during the period of their Council Membership.

### 10. Office Bearers.

The changes in the Council during the year were as follows :—

Sir U. N. Brahmachari, Acting President, *vice* H.E. Sir John Anderson, absent, from 15-4-37 to 21-7-37 and from 15-11-37 to end of the year.  
 Dr. B. S. Guha, Anthropological Secretary, *vice* Rai Bahadur R. Chanda, resigned on 6-12-37.  
 Mr. Johan van Manen, Acting Honorary Treasurer, *vice* Dr. S. L. Hora, absent from 1-1-37 to 15-1-37; from 29-6-37 to 6-7-37 and from 8-11-37 to 29-11-37.

Absentees other than those mentioned above were :—

Mr. W. D. West, absent from 1-3-37 to 20-4-37.  
 Mr. Percy Brown, absent from 25-3-37 to 31-10-37.  
 Lt.-Col. N. Barwell, absent from 15-3-37 to 15-4-37.  
 Brevet-Col. R. N. Chopra, absent from 15-4-37 to 25-8-37.  
 Dr. A. M. Heron, absent from 11-4-37 to 26-7-37.  
 Mr. C. C. Caldér, absent from 1-11-37 to end of the year.

### 11. Committees of Council.

The Standing Committees of the Council for the year, namely, the Finance, Publication, and Library Committees, met every month.



## 12. Finance Committee.

The Finance Committee continued during the year to meet on dates different from, and a few days prior to, those of the Council Meetings.

## 13. Office.

*Staff.*—Changes in the office staff were as follows:—K. Krishnan, Stenographer, left towards the middle of the year and was replaced by A. Michael who was in charge of the despatching work. T. V. V. Nathan who was engaged on probation as general assistant since 1934, was confirmed in the post of despatcher.

*Correspondence.*—This year the number of outgoing letters was 1,067 and that of incoming letters 3,438.

*Files.*—During the year little progress only was made with regard to the files, old and new.

*Stock-room.*—Labelling, bundling, and registration of the contents of the stock-room were kept up-to-date during the year for new publications. The stock-books for new accessions and for sales were kept up.

*Distribution.*—No change was made in the mode of distribution of our periodicals and notices. A better system for the distribution of free copies of the *Bibliotheca Indica* has to be devised.

*Addresses.*—Printed address labels remained in use and the system of constant revision and addition which has been maintained enables us to keep the printed addresses up-to-date, month by month.

*Card Register.*—The card registers of the Society's membership and of that of the Indian Science Congress were kept up-to-date and checked at the close of the year.

*Circulars and Forms.*—The number of these printed during the year was 61. About Rs.403 were spent under this head.

## 14. Rules and Regulations.

During the year no changes were made in the Rules and Regulations of the Society.

## 15. Indian Science Congress.

*Twenty-fourth Session.*—The Twenty-fourth Annual Meeting of the Indian Science Congress was held in Hyderabad, Deccan, from January 2nd to January 8th, 1937, under the patronage of His Exalted Highness Rustom-i-Dowran, Arastu-i-Zaman, Lt.-General Muzaffarul-Mulk Wal-Mamalik, Nawab Sir Mir



Osman Ali Khan Bahadur, Fateh Jung, Sipah Salar, Faithful Aliy of the British Government, Nizam-ud-Daula, Nizam-ul-Mulk Asaf Jah, G.C.S.I., G.B.E., Sultan-ul-Ulum, Nizam of Hyderabad and Berar.

*President.*—Rao Bahadur T. S. Venkatraman, B.A., I.A.S., F.N.I., was President of the Congress.

*Proceedings.*—The Proceedings of the Congress were published during the last week of October. The publication contained 656 pages and 3 plates which was 18 pages less than the year before. The number of abstracts sent in for reading at the Congress numbered this year 729 as against 570 last year.

*Administration.*—During the latter months of the year the usual administrative work for the Congress in connection with the Silver Jubilee Session (Twenty-fifth Congress), jointly with the British Association for the Advancement of Science, to be held in Calcutta, was performed by the Society's office, which also attended to the general administration of the Congress when this was not in session. This year, on account of the special nature of the meeting, the burden of work thrown on the Society's office was unusually heavy.

*Programme and Abstracts.*—As in the previous years the programme of the meeting and the abstracts were sent, as far as practicable, by post to all members who had applied for membership before the date of their publication. This year this date was the 9th of December.

*Finance.*—The Congress finances remained separate from those of the Society.

*Secretaries.*—The General Secretaries to the Congress were Dr. J. N. Mukherjee and Mr. W. D. West; and the Managing Secretary was Mr. Johan van Manen in his capacity of General Secretary to the Society.

## 16. Indian Museum.

The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, continued to be Rai Sir Upendra Nath Brahmachari Bahadur, Kt., who was re-appointed as such for a further period of three years in 1936.

## 17. Kamala Lectureship.

The Society's nominee to serve on the Election Committee of the Kamala Lectureship, administered by the Calcutta University, remained the same, Rai Sir Upendra Nath Brahmachari Bahadur, Kt.



## 18. National Institute of Sciences of India.

The Society's representatives to serve on the Council of the National Institute of Sciences of India were Rai Sir Upendra Nath Brahmāchari Bahadur, Kt., and Mr. C. C. Calder, the former as a Vice-President and the latter as a member of Council.

## 19. Deputations.

The Society received invitation to send a representative to the various functions of the Ninth Session of the All-India Oriental Conference which was held at Trivandrum. The Council invited Dr. S. K. Chatterji to represent the Society.

## 20. Honours.

Certain members of the Society received Honours during the year, namely:—His Majesty the King Emperor was graciously pleased to confer the Insignia of a Knight of Grace of the Order of St. John of Jerusalem on H.E. Sir John Anderson, President of the Society. The Hon'ble Mr. Justice R. E. Jack, Mr. A. K. Roy and Mr. Harold Couchman received the honour of Knighthood, while Mr. J. M. Bottomley and Mr. Hiranya Kumar Mitter were admitted to the Companionship of the Order of the Indian Empire.

Her Majesty the Queen of Holland was graciously pleased to confer on Mr. Johan van Manen the rank of Officer of the Order of Orange-Nassau.

## 21. Congratulations.

The Society conveyed its congratulations to the following :—

To Dr. S. L. Hora for being the recipient of the title of Rai Bahadur.  
To Bt.-Col. R. N. Chopra on his obtaining a Doctorate from the University of Cambridge.

To Mr. Johan van Manen on his being admitted to the rank of Officer of the Order of Orange-Nassau.

Congratulations were also sent to the above recipients of Civic Honours.

## 22. Visits.

An appreciable number of distinguished visitors came to the Society during the year, amongst whom were scholars from China, Japan, Nepal, Afghanistan, Holland, Denmark, Germany, Italy, England and South America.



**23. Social Functions.**

A social function was held in the rooms of the Society on Tuesday, the 16th November, 1937, when the Council was At Home to H.E. Sir John Anderson, President of the Society, on the eve of his departure from this country.

The Society also continued the practice of providing tea to Members and Visitors present at the time of the Ordinary Monthly Meetings.

**24. Elliott Prize for Scientific Research.**

The annual prize offered for the year 1936 was for research in Mathematics. No paper was received in competition for the prize.

The prize offered for the year 1937 was for Chemistry. An announcement concerning the prize will be made in the Annual Meeting of 1938.

The prize for next year, 1938, will be for research in Physics.

**25. Barclay Memorial Medal.**

The (biennial) award of the Barclay Memorial Medal for 1937 for important contributions to Medical and Biological Science with special reference to India, will be announced in the Annual Meeting of 1938.

The next award will be announced in the Annual Meeting of 1940.

**26. Sir William Jones Memorial Medal.**

The (triennial) award of the Sir William Jones Memorial Medal, for 1937, for Asiatic Researches in Philosophy, Literature and History, will be announced in the Annual Meeting of 1938.

**27. Annandale Memorial Medal.**

The (triennial) award for important contributions to the study of Anthropology in Asia, was announced in the Annual Meeting of 1937. The medal was awarded to Dr. John Henry Hutton, D.Sc., C.I.E., I.C.S., (retd.)

The next award will be announced in the Annual Meeting of 1940.

**28. Joy Gobind Law Memorial Medal.**

The next (triennial) award of the medal for important contributions to the study of Zoology in Asia will be announced in the Annual Meeting of 1939.



**29. Paul Johannes Brühl Memorial Medal.**

The (triennial) award for important contributions to the study of Asiatic Botany will be announced in the Annual Meeting in February, 1938.

**30. Indian Science Congress Calcutta Medal.**

The announcement concerning the next award of the medal in connection with the next (Silver Jubilee) Session of the Congress to be held in Calcutta in January, 1938, will be made in the Annual Meeting of the Society in February, 1938.

**31. Pramatha Nath Bose Memorial Medal.**

Rules for the award having already been framed and passed, the Council has now to determine the first year of the award.

**32. Society's Premises and Property.**

A sum of Rs.2,000 was set aside during the year to be credited to the Building Repairs Fund.

During the year some petty repairs to the Society's building were effected.

**33. Accommodation.**

Urgent matters that require attention are: the provision of a set of small working rooms for various purposes, the shelving of the stock-rooms, the extension of shelving for the Library and new shelving for the twelve thousand manuscripts made over to the Society as a permanent loan by the Government of India.

**34. Artistic and Historical Possessions.**

No notable accession was made during the year to the artistic and historical possessions of the Society.

**35. Presentations, Donations, and Legacies.**

Except for the presentations mentioned under the next heading, no presentations were received during the year.



### 36. Library.

*Permanent Library Endowment Fund.*—The fund received no further donations during the year. The total invested capital remained (face value) Rs.14,000, in  $3\frac{1}{2}$  per cent. Government paper. The accumulated interest will permit the purchase of one additional paper to the face value of Rs.1,000 early next year.

*Accessions.*—The accessions to the library during the year, exclusive of about 200 periodicals received through exchange or otherwise, numbered 191 volumes, out of which 107 were purchased and 84 were acquired by presentation.

*Binding.*—During the year 507 units, including books, pamphlets and periodicals, were bound at a cost of Rs.606, against a budget allowance of Rs.600 sanctioned for the purpose.

*Purchases.*—The allocation for the purchase of books for the year was Rs.2,500, but actually an amount of Rs.1,535 was spent.

*Shelving.*—Installation of special steel shelving for manuscripts and books in the western section remained to be effected, and provision has also to be made for further steel shelving for the current accessions of periodical literature. Our available shelving space for printed books is also rapidly coming to an end.

*Presentations.*—The Consul-General for Sweden in Calcutta presented the Society with 20 volumes of 'Archives d'Études Orientales'. The Society also received from the Acting Consul for the Turkish Republic in Calcutta a photographic album showing the development of the Republic of Turkey entitled 'Turkey in Pictures'.

### 37. Finance.

(1) Appendix III contains the usual statements showing our accounts for 1937. No change has been made in the form of their presentation since the previous year.

(2) One statement, still carried over, is :

Statement No. 17. International Catalogue of Scientific Literature, London.

(3) The other statements are presented as in the previous year.

(4) As usual the Fund Accounts show their invested assets written down to the market values as at the end of the year and Investment Account No. 24 shows the allocation of invested paper to each fund specifically, whilst both market and face values of the investments are shown in it.

(5) Statement No. 26 shows the Balance Sheet of the Society and the different funds administered by and through it.



(6) The funds belonging to, or administered by, the Society may be classified as follows :—

(a) General Fund :—

(i) Permanent Reserve.

(ii) Working Balance.

(b) Specific Funds belonging to the Society.

(c) Funds administered by the Society.

At the end of the year, the position of these funds, as compared with their position at the end of 1936, was as follows :—

	Face value. 31st Dec., 1936. Rs.	Market value. 31st Dec., 1936. Rs.	Face value. 31st Dec., 1937. Rs.	Market value. 31st Dec., 1937. Rs.
1. General Fund ..	2,78,700	2,91,000	2,95,200	2,91,000
(a) Permanent Reserve	2,53,200	2,65,500	2,54,200	2,50,000
(b) Working Balance	25,500	25,500	41,000	41,000
2. Specific Funds belong- ing to the Society ..	80,000	80,000	69,200	69,200
3. Funds administered by the Society ..	27,600	27,600	45,600	44,800
	<u>3,86,300</u>	<u>3,98,600</u>	<u>4,10,000</u>	<u>4,05,000</u>

(7) During the year a sum of Rs.736 was received through admission fees. Three new Institutional members were admitted. Their registration fees of Rs.150 together with the above amount and a sum of Rs.78-7 brought forward from 1936 under this head aggregating to Rs.964-7 were transferred to the Permanent Reserve in the usual manner by conversion at the market rates as on 31st December, 1937, of 3½% Government paper to the Face Value of Rs.1,000 belonging to the Temporary Reserve of the working balance, and a cash debit of Rs.19-5 is being carried over to the ensuing year for adjustment under this head.

(8) The Government of Bengal maintained the 20% cut in all grants made by them to the Society during the year.

The Society received the following grants from the Bengal Government :—

For	Rs.	Statement.
Journals ..	1,600	1
O.P. Fund No. 1 ..	6,600	2
O.P. Fund No. 2 ..	2,400	3
Sanskrit MSS. Fund for 1936-37 (for cata- loguing) ..	2,560	4
	<u>13,160</u>	



(9) The Government of Bengal annual grant of Rs.3,200 for the publication of the Catalogue of Sanskrit MSS. acquired by the Society expired during the year. Government sanction is awaited for the renewal of the grant and it is hoped that it may be received early in the new year. The annual grant of Rs.3,600, from the same Government for Research work which also has not yet been realized, it is hoped, will likewise be obtained early in the new year.

(10) The income derived from advertising during the year amounted to Rs.9,600.

(11) The temporary investments of funds in Fixed Deposit and Savings Bank are shown in Statement Nos. 22 and 23.

(12) Statement No. 20 gives an account of the amounts due to and by the Society for membership subscriptions, sales of publications and contingent charges.

(13) The Government Securities shown in Statement No. 24 are held in safe custody by the Imperial Bank, Park Street Branch. During the year there was a slight depreciation of the securities amounting to Rs.6,449, decreasing to that extent the book assets of the Society.

(14) The budget estimates for 1937 and the actuals for the year were as follows :—

Estimates.			Receipts.	Expenditure.
			Rs.	Rs.
Ordinary .. ..	..	..	52,600	52,600
Extraordinary .. ..	..	..	1,000	1,000
TOTAL ..			53,600	53,600
Actuals.				
Ordinary .. ..	..	..	50,975	45,926
Extraordinary .. ..	..	..	886	886
TOTAL ..			51,861	46,812

The ordinary income was about Rs.1,625 less than estimated. On the expenditure side about Rs.6,674 was spent below the estimate.

(15) The year's working shows an increase in the net balance to the extent of Rs.6,804 as compared with that of last year, after deduction of the depreciation of our investments which amounted to Rs.6,449.

(16) The budget estimates for probable expenditure have as usual been framed to meet demands under various heads based on various activities in all departments of the Society's work.

The receipts have been conservatively estimated.



## BUDGET ESTIMATES FOR 1938.

## Ordinary Receipts.

	Budget Estimates for 1937.	Actuals for 1937.	Budget Estimates for 1938.
	Rs.	Rs.	Rs.
Interest on Investments and Deposits..	10,000	10,012	10,000
Advertising .. .. .	700	725	700
Annual Grant .. .. .	9,600	9,600	9,600
Donation .. .. .	1,600	1,600	1,600
Miscellaneous .. .. .	300	241	300
Members' Subscriptions .. .. .	9,500	9,119	9,500
Publications, Sales and Subscriptions ..	4,000	3,153	4,000
Proportionate Share of Funds .. .. .	7,000	7,000	7,000
Indian Science Congress Contribution..	600	600	600
Rent .. .. .	9,300	8,925	9,300
Special contribution from working balance for meeting arrears of pub- lication .. .. .	.....	.....	3,700
<b>TOTAL ..</b>	<b>52,600</b>	<b>50,975</b>	<b>55,800</b>

## Ordinary Expenditure.

	Rs.	Rs.	Rs.
Salaries and Allowances .. .. .	31,500	30,098	31,000
Commission .. .. .	300	218	300
Stationery .. .. .	400	429	400
Fan, Light and Telephone .. .. .	800	658	700
Taxes .. .. .	2,350	2,387	2,400
Postage .. .. .	1,400	748	1,400
Freight .. .. .	750	657	750
Contingencies .. .. .	50	18	100
Petty Repairs .. .. .	500	500	500
Insurance .. .. .	100	86	200
Menials' Clothing .. .. .	200	122	500
Office Furniture .. .. .	2,000	2,000	2,000
Building Repairs .. .. .	700	651	700
Provident Fund Share .. .. .	250	250	250
Audit Fee .. .. .	2,500	1,535	3,000
Books, Library .. .. .	.....	.....	.....
(Special Grant) .. .. .	600	606	600
Binding, Library .. .. .	6,000	2,310	10,000
Journal and Memoirs .. .. .	1,000	403	1,000
Printing, Circular .. .. .	1,200	1,750	.....
Replacement of fans .. .. .	.....	500	.....
Contribution to I. S. Congress Jubilee Fund .. .. .	.....	.....	.....
<b>TOTAL ..</b>	<b>52,600</b>	<b>45,926</b>	<b>55,800</b>



**Extraordinary Receipts.**

	Budget Estimates for 1937.	Actuals for 1937.	Budget Estimates for 1938.
	Rs.	Rs.	Rs.
By Admission Fees .. ..	650	736	650
.. Compounding Fees .. ..	300	....	300
.. Institutional Membership Regis- tration Fees .. ..	50	150	50
<b>TOTAL ..</b>	<b>1,000</b>	<b>886</b>	<b>1,000</b>

**Extraordinary Expenditure.**

	Rs.	Rs.	Rs.
To Permanent Reserve			
By Admission Fees .. ..	650	736	650
.. Compounding Fees .. ..	300	....	300
.. Institutional Membership Regis- tration Fees .. ..	50	150	50
<b>TOTAL ..</b>	<b>1,000</b>	<b>886</b>	<b>1,000</b>

**38. Publications.**

*Journal.*—Of the *Journal*, Volume II for 1936, one number, consisting of 82 pages and 5 plates to close the volume for Science was issued. The volume for Letters will be closed with the issue of Numismatic Supplement No. XLVI early next year. This number consists of 134 pages and 5 plates.

*Year-Book.*—The *Year-Books* for 1935 and 1936 will be issued during the year.

*Indian Science Congress.*—The *Proceedings* of the 24th Indian Science Congress Association, consisting of 656 pages and 3 plates, was published during the year. The *Proceedings* for the 25th Indian Science Congress, Part III, Abstracts, consisting of 310 pages, was published towards the close of the year.

**39. The Baptist Mission Press.**

Under the capable superintendence of Mr. P. Knight the Baptist Mission Press continued to act as our printers and again gave invaluable assistance and maintained closest co-operation.

**40. Agencies.**

Our European and Indian Agents remained the same throughout the year. An extension of the list for Asiatic countries is desirable.



#### 41. Exchange of Publications.

During the year, the following application for exchanges with the Society's publications was considered by the Council, with the decision as noted against it :—

<i>Publications of :</i>	<i>To be exchanged with :</i>
Revista Degli Studi Orientali, Rome	Journal (Science and Letters) and Memoirs.

#### 42. Meetings.

The Ordinary Monthly Meetings of the Society were held regularly every month, with the exception of February, March, August, September and the recess months, October and November. The recorded average attendance was 12 members and 2 visitors. The maximum attendance was in April with 13 members and 8 visitors.

Two meetings of the Medical Section were held during the year.

#### 43. Exhibits.

In the Ordinary Monthly Meetings a number of exhibits were shown and commented upon by the exhibitors. The following may be mentioned :—

M. Mahfuz-ul Haq : A valuable Manuscript of an Urdū Romantic Poem (Mathnawī) composed by Sharaf-un-Nisā, a lady of Murshidābād; and Three valuable Persian Manuscripts of Jāmī's : (i) Lawā'ih, (ii) Sharh-i-Rubā'īyyāt, and (iii) Lawāmi', transcribed by Sultān 'Alī of Mashhad in 882 A.H. (1477-78 A.D.).

M. Hidayat Hosain : Kitāb al-I'lān; a very rare and original MS. in the Society's collection; and Arabic biographical works in the Society's Library.

Chintaharan Chakravarti : The Society's collection of MSS. of the Tantrasāra in Non-Bengali Scripts; the Society's collection of MSS. of Sanskrit Works on the Game of Chess; and Manuscripts of a Tantra Work giving *inter alia* the family history of the royal Patron of the author.

Suniti Kumar Chatterji : Three old Brass Utensils with incised designs.

Johan van Manen : Two recent publications for which manuscripts from the Society's Library have been utilized; and a glossary and concordance to Firdausi's Shahnama.

#### 44. Communications.

Apart from papers submitted both for reading and subsequent publication a number of communications, not intended for subsequent publication, were made from time to time in the Ordinary Monthly Meetings.

Amongst such communications made during the year the following may be mentioned :—

L. S. Dugin : Possibilities of the Persian Quatrain.

Johan van Manen : A difficult Verse in the Dhammapadam; Bodding's Santal Dictionary.



**45. General Lectures.**

A General Lecture was held during the year before a fairly large audience of members and invited guests :—

Dr. Hermann Goetz, Kern Institute, Leyden, Holland : The History of Mughal Civilization as reflected in its Art.

**46. Philology.**

Four papers were read during the year to be published later.

**47. Natural History : Biology.**

One paper read in the previous year was published during the year.

Five papers were read and also published during the year.

One paper was read during the year to be published later.

**48. Natural History : Physical Science.**

No paper falling under this heading was read or published by the Society during the year.

**49. Anthropology.**

Two papers were read during the year to be published later.

**50. Medical Section.**

During the year two meetings of the Medical Section were held, as detailed below :—

February. Speaker : M. O. T. Iyengar.

Subject : Filariasis in Travancore.

Speaker : K. Banerjee.

Subject : Abnormal behaviour of coliform organism in a case of acute bacillary dysentery.

Speaker : D. Panja.

Subject : Treatment of Tuberculosis Verrucosa cutis by creosote and salicylic acid.

November. Speaker : G. Panja.

Subject : A Pathogenic strain of staphylococcus citreus.

Speaker : R. N. Choudhuri.

Subject : Exhibition of clinical cases :—

(a) A case of tubarachnoid hæmorrhage

(b) A case of spirochaetal jaundice.

Speaker : D. N. Roy.

Subject : On some unknown factors in the production of eggs in flies.



### 51. Bibliotheca Indica.

*Indian works continued.*—The following works were continued during the year :—

1. Manu-smṛti, with the commentary of Medhātithi, Sanskrit.
2. Vaikhāṇasa-śrauta-sūtra, text, Sanskrit.
3. Saundarānanda-kāvya, text, Sanskrit (Second and revised edition).
4. Ātma-tattva-viveka, text, Sanskrit.
5. Varṇa-ratnākara, text, Old Maithili.

*Islamic works continued.*—The following three works were continued during the year :—

1. 'Amal-i-Sālih, Persian.
2. Rubā'iyāt of 'Umar-i-Khayyām, Persian.
3. Ā'in-i-Akbarī, English translation.

*New Works.*—The following new work was sanctioned during the year to be taken up early next year :—

1. Tārīkh Salāṭīn Afāghīnā, Persian.

### 52. Sanskrit Manuscripts.

During the year the entire copy for Volume VIII, on Tantra, was revised and made press ready. It is expected to be printed off during the coming year ; while the introduction to this volume is under preparation. In the meanwhile the task of revising and arranging of the descriptive slips for Volume IX, on Philosophy, was taken in hand.

### 53. Arabic and Persian Manuscripts, Search and Catalogue.

The work in this department was continued.

*Binding.*—The binding and repairing of previously and newly acquired MSS. was continued and 36 MS. volumes were bound during the year, making a total of 1,228 MSS. bound and repaired since the end of 1924.

*Acquisitions.*—During the year fifty-one manuscripts were acquired by purchase at a cost of Rs.180.

*Reference books.*—The collection of Persian and Arabic MSS. catalogues was again added to and its completion continues an object of attention. A number of biographical works of reference were also purchased during the year.

*Catalogue.*—The work on the Arabic Catalogue was pursued and up to 530 pages containing the descriptions of 1,055 MS. volumes, were print-ordered during the year. The work during the year was concentrated on the preparation of the index of the Catalogue which, it is hoped, will be completed during the next year. The Catalogue will be printed off during the coming year.



#### 54. Numismatics.

The material for Numismatic Supplement No. XLVI (for 1935-36), consisting of 134 pages and 5 plates, is in the press and the supplement will be issued early next year.

Further material for a special issue, the Silver Jubilee Number of the supplement, is practically ready for printing and will be issued during the next year.



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Annual Report.

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## [APPENDIX I.]

## Membership Statistics.

(Calculated on December 31st, for 30 years.)

YEAR.	ORDINARY.							EXTRA-ORDINARY.					Grand Total Membership.	FELLOWS.		
	PAYING.				NON-PAYING.			Total Ordinary Members.	Centenary Honorary.	Associate.	Institutional.	Anniversary Honorary.		Total.	Honorary.	Ordinary.
	Resident.	Non-Resident.	Foreign.	Total.	Absent.	Life.	Total.									
1908 ..	181	193	17	391	38	19	57	448	4	13	..	..	17	465	30	..
1909 ..	183	217	13	413	40	20	60	473	4	14	..	..	18	491	28	..
1910 ..	209	217	16	442	43	23	66	508	4	14	..	..	18	526	27	17
1911 ..	200	225	19	444	53	22	75	519	3	14	..	..	17	536	28	19
1912 ..	203	229	19	451	43	23	66	517	3	13	..	..	16	533	27	24
1913 ..	200	211	19	430	46	23	69	499	3	14	..	..	17	516	27	28
1914 ..	191	187	19	397	50	26	76	473	3	14	..	..	17	490	24	27
1915 ..	171	188	21	380	40	25	65	445	3	15	..	..	18	463	29	31
1916 ..	145	159	18	322	60	25	85	407	3	15	..	..	18	425	26	33
1917 ..	150	144	15	309	45	24	69	378	2	12	..	..	14	392	22	35
1918 ..	153	145	17	315	43	24	67	382	2	10	..	..	12	394	22	39
1919 ..	141	128	15	284	64	25	89	373	2	11	..	..	13	386	18	36
1920 ..	161	134	15	310	32	26	58	368	2	11	..	..	13	381	28	38
1921 ..	160	132	16	308	26	26	51	359	2	12	..	..	14	373	28	40
1922 ..	160	141	16	317	26	26	52	369	2	13	..	..	15	384	30	39
1923 ..	147	120	13	280	30	27	57	337	2	11	..	..	13	350	28	37
1924 ..	209	134	12	355	29	28	57	412	2	12	..	..	14	426	27	37
1925 ..	263	137	12	412	23	27	50	462	2	12	..	..	14	476	26	34
1926 ..	319	162	20	501	23	28	51	552	2	12	..	..	14	566	25	34
1927 ..	328	167	18	513	28	33	61	574	2	13	..	..	15	589	28	38
1928 ..	344	167	23	534	42	46	88	622	1	12	..	..	13	635	28	40
1929 ..	331	181	21	533	36	49	85	618	1	10	2	..	13	631	27	43
1930 ..	291	194	37	522	22	52	74	596	1	8	2	..	11	607	29	47
1931 ..	228	184	29	441	26	52	78	519	1	8	5	..	14	533	29	46
1932 ..	222	126	23	371	27	54	81	452	1	7	5	..	13	465	28	45
1933 ..	194	126	27	347	33	56	89	436	..	7	6	..	13	449	26	49
1934 ..	217	112	30	359	26	57	83	442	..	6	7	12	25	467	26	47
1935 ..	206	107	28	341	28	53	84	425	..	5	7	11	23	448	24	44
1936 ..	214	106	24	344	16	55	71	415	..	5	10	11	26	441	21	46
1937 ..	205	99	29	333	20	55	75	408	..	5	12	10	27	435	19	49



## [APPENDIX II]

**List of Publications issued by the Royal Asiatic Society of Bengal during 1937.**

	Price.
	Rs. As. P.
<b>(a) Journal and Proceedings (Third Series) :</b>	
Vol. II (Science) : No. 2 (11 units) .. ..	4 2 0
<b>(b) Miscellaneous :</b>	
Proceedings, Twenty-fourth Indian Science Congress .. ..	16 8 0
Proceedings, Twenty-fifth Indian Science Congress, Part III, Abstracts .. ..	7 8 0

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[APPENDIX III]

Abstract Statement  
of  
Receipts and Disbursements  
of the  
Royal Asiatic Society of Bengal  
for  
the Year 1937



## STATEMENT No. 1.

1937.

General

## Income and Expenditure Account

		Rs.	As.	P.	Rs.	As.	P.
TO ESTABLISHMENT :							
Salaries and Allowances ..	..	80,098	7	0			
Commission ..	..	217	13	9			
					30,316	4	9
GENERAL EXPENDITURE :							
Stationery ..	..	428	11	6			
Fans and Light ..	..	412	2	0			
Telephone ..	..	245	6	0			
Taxes ..	..	2,387	5	0			
Postage ..	..	748	2	0			
Contingencies ..	..	657	4	6			
Printing Circulars, etc. ..	..	403	0	0			
Audit Fee ..	..	250	0	0			
Petty Repairs ..	..	17	14	0			
Insurance ..	..	500	0	0			
Menials' Clothing ..	..	86	2	0			
Furniture ..	..	122	0	0			
Replacement, New Fans ..	..	1,750	5	0			
					8,008	4	0
LIBRARY AND COLLECTIONS :							
Books ..	..	1,534	8	10			
Binding ..	..	605	10	0			
					2,140	2	10
PUBLICATIONS :							
Journal and Proceedings ..	..	....			2,309	10	6
CONTRIBUTIONS :							
Provident Fund for 1937 ..	..	651	6	0			
Indian Science Congress Jubilee Fund ..	..	500	0	0			
					1,151	6	0
TRANSFER TO—							
Building Repair Fund Account ..	..	....			2,000	0	0
SUNDRY ADJUSTMENTS :							
Bad Debts written-off ..	..	948	11	0			
Depreciation, Investments revalued ..	..						
on 31-12-37 ..	..	5,887	5	0			
					6,836	0	0
BALANCE AS PER BALANCE SHEET ..	..	....			2,91,293	5	0
					3,44,055	1	1



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Receipts and Disbursements.

37.

## STATEMENT No. 1.

Fund.

1937.

for the year to 31st December, 1937.

	Rs.	As.	P.	Rs.	As.	P.
By BALANCE FROM LAST ACCOUNT ..	....			2,90,939	12	8

## CASH RECEIPTS :

Interest on Investments ..	..	10,012	0	0		
Interest on Fixed Deposits..	..	725	0	0		
Advertising ..	..	9,600	0	0		
Miscellaneous ..	..	240	11	3		
Government Grant ..	..	1,600	0	0		
Rent ..	..	8,925	0	0		
Contribution from Indian Science Congress ..	..	600	0	0		
					31,702	11 9

## PERSONAL ACCOUNT :

Members' Subscriptions ..	..	10,202	0	0		
Admission Fees ..	..	736	0	0		
Institutional Membership Fees ..	..	200	0	0		
					11,138	0 0

## TRANSFER FROM FUNDS :

## Proportionate Share in General Expenditure—

Oriental Pub. Fund (1) Account..	..	2,500	0	0		
Sanskrit MSS. Fund Account ..	..	2,000	0	0		
Arabic and Persian MSS. Fund Account ..	..	2,500	0	0		
					7,000	0 0

PUBLICATION FUND ACCOUNT ..	..				3,274	8 8
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 3,44,055 1 1
 

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## STATEMENT No. 2.

1937.

*Oriental Publication*

From a monthly grant made by the Government of Bengal for the publi-  
(Rs. 500), and for the publication of Sanskrit  
(Less 20% from the

	Rs.	As.	P.
To Printing .. .. .	16	0	0
Proportionate Share in General Expenditure .. .. .	2,500	0	0
Balance as per Balance Sheet .. .. .	10,354	1	11
	12,870	1	11

## STATEMENT No. 3.

1937.

*Oriental Publication*

From an annual grant made by the Government of Bengal of  
Historical  
(Less 20% from the

	Rs.	As.	P.
To Balance as per Balance Sheet .. .. .	2,474	9	5
	2,474	9	5

## STATEMENT No. 4.

1937.

*Sanskrit Manuscripts Fund*

From an annual grant of Rs. 3,200 made by the Government of Bengal  
by the Society ; and Rs. 3,600 from the  
(Less 20% from the

	Rs.	As.	P.	Rs.	As.	P.
To Binding .. .. .	15	0	0			
Cataloguing .. .. .	1,200	0	0			
				1,215	0	0
Proportionate Share in General Expendi- ture .. .. .	2,000	0	0			
Balance as per Balance Sheet .. .. .	17,487	1	3			
	20,702	1	3			



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Receipts and Disbursements.

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## STATEMENT No. 2.

Fund No. 1, in Account with R.A.S.B.

1937.

Publication of Oriental Works and Works of Instruction in Eastern Languages  
 Works hitherto unpublished (Rs. 250).  
 1st of April, 1932.)

			Rs.	As.	P.
By Balance from last Account	..	..	6,270	1	11
Annual Grant	..	..	6,600	0	0
			12,870	1	11

## STATEMENT No. 3.

Fund No. 2, in Account with R.A.S.B.

1937.

Rs. 3,000 for the publication of Arabic and Persian Works of  
 Interest.  
 1st of April, 1932.)

			Rs.	As.	P.
By Balance from last Account	..	..	74	9	5
Government Grant for 1937-38	..	..	2,400	0	0
			2,474	9	5

## STATEMENT 4.

Account, in Account with R.A.S.B.

1937.

for the publication of the Catalogue of Sanskrit Manuscripts acquired  
 same Government for Research Work.  
 1st of April, 1932.)

			Rs.	As.	P.
By Balance from last Account	..	....	18,142	1	3
Annual Grant for Cataloguing	..	....	2,569	0	0
			20,702	1	3



## STATEMENT No. 5.

1937.

*Arabic and Persian Manuscripts*

From an annual grant of Rs. 5,000 made by the Government of India for  
by the Society; for the purchase of further Manuscripts,  
Manuscripts found in

	Rs.	As.	P.	Rs.	As.	P.
To Purchase of Manuscripts .. ..	180	0	0			
Binding .. ..	306	8	0			
Cataloguing .. ..	2,400	0	0			
Reference Works .. ..	859	0	9			
				3,745	8	9
Proportionate Share in General Expendi- ture .. ..	....			2,500	0	0
Balance as per Balance Sheet .. ..	....			2,056	2	3
				8,301	11	0

## STATEMENT No. 6.

1937.

*Barclay Memorial*

From a sum of Rs. 500 odd given in 1896 by the Surgeon  
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation, Investments revalued on 31-12-37 .. ..	....			14	14	0
Balance as per Balance Sheet— Rs. 700, 3½% G.P. Notes, 1854-55 ..	688	10	0			
Surplus at date .. ..	40	11	8			
				729	5	8
				744	3	8

## STATEMENT No. 7.

1937.

*Servants' Pension Fund*

Founded in 1876 as the Piddington Fund

	Rs.	As.	P.	Rs.	As.	P.
To Pension .. ..	....			121	0	0
Depreciation, Investments revalued on 31-12-37 .. ..	....			63	12	0
Balance as per Balance Sheet— Rs. 3,000, 3½% G.P. Notes, 1854-55 ..	2,951	4	0			
Surplus at date .. ..	919	14	0			
				3,871	2	8
				4,055	14	8



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*Receipts and Disbursements.*

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## STATEMENT No. 5.

*Fund Account, in Account with R.A.S.B.*

1937.

the cataloguing and binding of Arabic and Persian Manuscripts, acquired  
and for the preparation of notices of Arabic and Persian  
various Libraries in India.

			Rs.	As.	P.
By Balance from last Account	..	....	3,301	11	0
Government Grant for 1937-38	..	....	5,000	0	0

---

 8,301 11 0

## STATEMENT No. 6.

*Fund Account, in Account with R.A.S.B.*

1937.

General, I.M.S., for the foundation of a medal for the  
and Biological Science.

			Rs.	As.	P.
By Balance from last Account	..	....	719	15	8
Interest realized for the year	..	....	24	4	5

---

 744 3 8

## STATEMENT No. 7.

*Account, in Account with R.A.S.B.*

1937.

with Rs. 500 odd from the Piddington Fund.

			Rs.	As.	P.
By Balance from last Account	..	....	3,131	9	4
Interest realized for the year	..	....	104	12	0
Amount transferred from Provident Fund	..	....	519	10	2

---

 4,055 14 8



## STATEMENT No. 8.

1937.

*Annandale Memorial Fund*

From donations by subscription,

	Rs. As. P.	Rs. As. P.
To Depreciation, Investments revalued on 31-12-37 ..	....	85 0 0
Balance as per Balance Sheet—		
Rs. 4,000, 3½% G.P. Notes, 1854-55	3,935 0 0	
Surplus at date ..	628 5 9	
		<u>4,563 5 9</u>
		<u>4,648 5 9</u>

## STATEMENT No. 9.

1937.

*Permanent Library Endowment*

From gifts received,

	Rs. As. P.	Rs. As. P.
To Depreciation, Investments revalued on 31-12-37 ..	....	297 8 6
Balance as per Balance Sheet—		
Rs. 14,000, 3½% G.P. Notes, 1854-55	13,772 8 0	
Surplus at date ..	1,150 7 8	
		<u>14,922 15 8</u>
		<u>15,220 7 8</u>

## STATEMENT No. 10.

1937.

*Sir William Jones Memorial*

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Depreciation, Investments revalued on 31-12-37 ..	....	63 12 0
Balance as per Balance Sheet—		
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,951 4 0	
Surplus at date ..	217 6 0	
		<u>3,168 10 0</u>
		<u>3,232 6 0</u>



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*Receipts and Disbursements.*

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## STATEMENT No. 8.

*Account, in Account with R.A.S.B.*

1937..

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	•	••••		4,509	13	9
Interest realized for the year		••••		138	8	0
				<u>4,648</u>	<u>5</u>	<u>9</u>

## STATEMENT No. 9.

*Fund Account, in Account with R.A.S.B.*

1937.

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	••	••		14,731	7	8
Interest realized for the year	••	••		489	0	0
				<u>15,220</u>	<u>7</u>	<u>8</u>

## STATEMENT No. 10.

*Fund Account, in Account with R.A.S.B.*

1937.

1926, by Dr. U. N. Brahmachari.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	••	••		3,127	10	0
Interest realized for the year	••	••		104	12	0
				<u>3,232</u>	<u>6</u>	<u>0</u>



## STATEMENT No. 11.

1937.

*Pramathanath Bose Memorial*

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation, Investments revalued on 31-12-37 ..	....			38	4	0
Balance as per Balance Sheet—						
Rs. 800, 3½% G.P.N., 1842-43 }	1,770	12	0			
„ 1,000, „ „ 1865 }						
Surplus at date ..	156	5	0			
				1,927	1	0
				1,965	5	0

## STATEMENT No. 12.

1937.

*Joy Gobind Law Memorial*

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation, Investments revalued on 31-12-37 ..	....			63	12	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55 ..	2,951	4	0			
Surplus at date ..	191	12	0			
				3,143	0	0
				3,206	12	0

## STATEMENT No. 13.

1937.

*Building Fund*From a sum of Rs. 40,000 given by the Government of India  
proceeds of a portion

	Rs.	As.	P.
To Balance as per Balance Sheet ..	6,321	9	6
	6,321	9	6



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*Receipts and Disbursements.*

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## STATEMENT No. 11.

*Fund Account, in Account with R.A.S.B.*

1937.

the purpose in 1935.

	Rs. A. P.	Rs. As. P.
By Balance from last Account ..	....	1,912 11 0
Interest realized for the year ..	....	52 10 0

---

 1,965 5 0

## STATEMENT No. 12.

*Fund Account, in Account with R.A.S.B.*

1937.

in 1929, by Dr. Satya Churn Law.

	Rs. As. P.	Rs. As. P.
By Balance from last Account ..	....	3,102 0 0
Interest realized for the year ..	....	104 12 0

---

 3,206 12 0

## STATEMENT No. 13.

*Account, in Account with R.A.S.B.*

1937.

towards the rebuilding of the Society's premises, and from the sale of the Society's land.

	Rs. As. P.
By Balance from last Account ..	6,321 9 6
	6,321 9 6



## STATEMENT No. 14.

1937.

*Calcutta Science Congress Prize*

	Rs. As. P.	Rs. As. P.
To Depreciation, Investments revalued on 31-12-37 .. .. .	.....	63 12 0
Balance as per Balance Sheet—		
Rs. 3,000, 3½% G.P. Notes 1854-55	2,951 4 0	
Surplus at date .. .. .	873 6 7	
		<u>8,824 10 7</u>
		<u>3,888 6 7</u>

## STATEMENT No. 15.

1937.

*Dr. Brühl Memorial Fund*

From a sum gifted for the purpose in

	Rs. As. P.	Rs. As. P.
To Depreciation, Investments revalued on 31-12-37 .. .. .	.....	21 4 0
Balance as per Balance Sheet—		
Rs. 1,000, 3½% G.P. Notes, 1854-55	983 12 0	
Surplus at date .. .. .	56 12 0	
		<u>1,040 8 0</u>
		<u>1,031 12 0</u>

## STATEMENT No. 16.

1937.

*Building Repair Fund*

	Rs. As. P.
To Building Repairs .. .. .	2,187 12 6
Balance as per Balance Sheet .. .. .	8,150 1 6
	<u>10,337 14 0</u>



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*Receipts and Disbursements.*

47.

## STATEMENT No. 14.

*Fund Account, in Account with R.A.S.B.*

1937.

		Rs. As. P.	Rs. As. P.
By Balance from last Account	..	....	3,783 10 7
Interest realized for the year	..	....	104 12 0

---

 3,888 6 7
 

---

## STATEMENT No. 15.

*Account, in Account with R.A.S.B.*

1937.

1929, by the Brühl Farewell Committee.

		Rs. A. P.	Rs. As. P.
By Balance from last Account	..	....	1,027 0 0
Interest realized for the year	..	....	34 12 0

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 1,061 12 0
 

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## STATEMENT No. 16.

*Account, in Account with R.A.S.B.*

1937.

		Rs. As. P.
By Balance from last Account	..	8,337 14 0
Transfer from R.A.S.B. General Fund	....	2,000 0 0

---

 10,337 14 0
 

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## STATEMENT No. 17.

1937:

*International Catalogue of Scien-*

	Rs.	As.	P.
To Balance as per Balance Sheet—	4,374	7	8
	<u>4,374</u>	<u>7</u>	<u>8</u>

## STATEMENT No. 18.

1937.

*Provident Fund Account,*

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To Payments during the year ..	....			202	4	0
Transfer to Servants' Pension Fund ..	..			819	10	2
Cost of a stamp ..	....			0	1	0
Balance as per Balance Sheet—						
Rs. 5,000, 3% G.P. Notes, 1941 ..	5,175	0	0			
„ 6,000, 5-year Postal Cash Certificates ..	5,737	8	0			
Savings Bank and Advances ..	7,302	6	1			
				<u>18,214</u>	<u>14</u>	<u>0</u>
				<u>19,236</u>	<u>13</u>	<u>3</u>

## STATEMENT No. 19.

1937.

*Advances Account,*

	Rs.	As.	P.
To Balance from last Account ..	1,550	0	0
Payments during the year ..	900	0	0
	<u>2,450</u>	<u>0</u>	<u>0</u>



1938]

*Receipts and Disbursements.*

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## STATEMENT No. 17.

*tific Literature, in Account with R.A.S.B.*

1937.

	Rs.	As.	P.
By Balance from last Account .. .. .	4,374	7	8
	<u>4,374</u>	<u>7</u>	<u>8</u>

## STATEMENT No. 18.

*in Account with R.A.S.B.*

1937.

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account .. .. .	12	5	3	17,551	11	0
Interest realized during the year .. .. .	651	6	0			
Staff Contribution for the year .. .. .	651	6	0			
Society's Contribution for the year.. .. .				1,315	1	3
Interest realized from Savings Bank, etc. .. .. .				220	1	0
Appreciation, Investments revalued on 31-12-37 .. .. .				150	0	0
				<u>19,236</u>	<u>13</u>	<u>3</u>

## STATEMENT No. 19.

*in Account with R.A.S.B.*

1937.

	Rs.	As.	P.
By Refunds during the year .. .. .	1,240	0	0
Balance as per Balance Sheet .. .. .	1,210	0	0
	<u>2,450</u>	<u>0</u>	<u>0</u>



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Year Book R.A.S.B. for 1937.

[VOL. IV,

## STATEMENT No. 20.

1937.

*Personal*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			3,419	14	9
Advances ..	....			2,940	7	6
Asiatic Society's Subscriptions, etc. ..	11,138	0	0			
Subscriptions to Journal and Proceed- ings, and from Book Sales, etc., ..	3,274	8	8			
				14,412	8	8

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 20,772 14 11
 

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## STATEMENT No. 21.

1937.

*Publication Fund Account,*

From sale proceeds

	Rs.	As.	P.	Rs.	As.	P.
To Books returned, etc. ..	....			24	0	0
Publications of the R.A.S.B. ..	....			3,274	8	8
Balance as per Balance Sheet ..	....			7,476	0	9

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 .. 10,774 9 5
 

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1938]

Receipts and Disbursements.

51.

STATEMENT No. 20.

REFERENCE BOOK

Account.

1937.

	Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year ..	.....			16,086	2	5
By Bad Debts written-off, R.A.S.B. ..	948	11	0			
Books returned, etc. ..	24	0	0			
				972	11	0
Balance as per Balance Sheet— ..	....			3,714	1	6

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members ..	3,737	15	0	609	9	0
Subscribers, etc. ..	32	3	0	48	0	0
Bill Collector's ..						
Deposit ..				300	0	0
Miscellaneous ..	1,232	11	0	231	2	6
	5,002	13	0	1,288	11	6

20,772 14 11

STATEMENT No. 21.

in Account with R.A.S.B.

1937.

of publications.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	.....			7,229	5	9
Cash Sale of Publications ..	.....			270	11	0
Credit Sale of Publications, etc. ..	1,930	8	8			
Subscriptions to Journal and Proceedings, etc. ..	1,344	0	0			
				3,274	8	8
				10,774	9	5



## STATEMENT No. 22.

1937.

## (1) Deposit Account (Savings Bank

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			5,238	9	0
Deposits of Interest realized from loans during the year ..	12	5	3			
Deposits of Contributions during the year ..	1,302	12	0			
Deposits of Advances returned ..	1,240	0	0			
				2,555	1	3
Interest realized for the year 1937 ..	....			220	1	0
				8,013	11	3

## STATEMENT No. 23.

1937.

## (2) Deposit Account (Fixed Deposit

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	..			45,000	0	0
Deposits during the year ..	..			30,000	0	0
				75,000	0	0



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*Receipts and Disbursements.*

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## STATEMENT No. 22.

*Deposit with Imperial Bank of India).*

1937.

	Rs.	As.	P.	Rs.	As.	P.
By Withdrawal for Staff Advances, etc.	....			1,921	14	2
Cost of a stamp ..	....			0	1	0
Balance as per Balance Sheet ..	....			6,091	12	1

.. 8,013 11 3

## STATEMENT No. 23.

*with Imperial Bank of India).*

1937.

	Rs.	As.	P.
By Withdrawal during the year .. ..	15,000	0	0
Balance as per Balance Sheet .. ..	60,000	0	0
.. ..	<u>75,000</u>	<u>0</u>	<u>0</u>



## STATEMENT No. 24.

1937.

## (3) Investment

	Rs.	As.	P.
To Balance from last Account .. .. .	3,31,675	8	0
.. .. .	3,31,675	8	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1937, Valua- tion.		31st December, 1936, Valua- tion.		Deprecia- tion, or Ap- preciation			
			Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		
	ROYAL ASIATIC SOCIETY OF BENGAL.									
	PERMANENT RESERVE.									
16,700	3½% G. P. Notes, 1842-43	...	2,49,577 450	6 5	0	2,54,968 450	8 0	0	5,391 0	20 50*
1,53,700	3½% G. P. Notes, 1854-55	...								
44,300	3½% G. P. Notes, 1865	...								
6,000	3½% G. P. Notes, 1879	...								
33,000	3½% G. P. Notes, 1900-01	...								
2,53,700	3% G. P Notes, 1896-97	...	98/6- 901/-							
500										
	TEMPORARY RESERVE.									
18,000	3½% G. P. Notes, 1900-01	...	96/6/-	17,707	8 0	18,090	0 0	382	8 0	
11,400	4½% Loan, 1955-60	...	119/8/-	13,623	0 0	13,737	0 0	114	0 0	
	BARCLAY MEMORIAL FUND.									
700	3½% G. P. Notes, 1854-55	...	98/6/-	683	10 0	703	8 0	14	14 0	
	SERVANTS' PENSION FUND.									
3,000	3½% G. P. Notes, 1854-55	...	98/6/-	2,951	4 0	3,015	0 0	63	12 0	
	ANNANDALE MEMORIAL FUND.									
4,000	3½% G. P. Notes, 1854-55	...	98/6/-	3,935	0 0	4,020	0 0	85	0 0	
	PERMANENT LIBRARY ENDOWMENT FUND.									
14,000	3½% G. P. Notes, 1854-55	...	92/6/-	13,772	8 0	14,070	0 0	297	8 0	
	SIR WILLIAM JONES MEMORIAL FUND.									
3,000	3½% G. P. Notes, 1854-55	...	98/6/-	2,951	4 0	3,015	0 0	63	12 0	
	PRAMATHANATH BOSE MEMORIAL FUND.									
800	3½% G. P. Notes, 1842-43	...	98/6/-	1,770	12 0	1,809	0 0	38	4 0	
1,000	3½% G. P. Notes, 1865	...								
	JOY GOBIND LAW MEMORIAL FUND.									
3,000	3½% G. P. Notes, 1854-55	...	98/6/-	2,951	4 0	3,015	0 0	63	12 0	
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.									
3,000	3½% G. P. Notes, 1854-55	...	98/6/-	2,951	4 0	3,015	0 0		12 0	
	DR. BRÜHL MEMORIAL FUND.									
1,000	3½% G. P. Notes, 1854-55	...	98/6/-	983	12 0	1,005	0 0	21	4 0	
	PROVIDENT FUND.									
5,000	3% Loan, 1941	...	133/8/-	5,175	0 0	5,250	0 0	75	0 0	
6,000	Post Office 5-year Cash Certificates	...	95/10/-	5,737	8 0	5,512	8 0	225	0 0	
3,28,100				3,25,226	5 0	3,31,675	8 0	6,449	8 0	



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*Receipts and Disbursements.*

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## STATEMENT No. 24.

*Account.*

1937.

	Rs.	As.	P.
• By Depreciation, Investments revalued on 31-12-37..	6,449	3	0
Balance as per Balance Sheet .. ..	3,25,226	5	0
	3,31,675	8	0



## STATEMENT No. 25.

1937:

Cash

For the year ended 31st

To	Rs.	As.	P.	Rs.	As.	P.
Balance from last Account .. ..				11,705	1	7
General Fund Account .. ..	31,702	11	9			
Oriental Publication Fund No. 1 Account ..	6,600	0	0			
Oriental Publication Fund No. 2 Account ..	2,400	0	0			
Sanskrit Manuscripts Fund Account ..	2,560	0	0			
Arabic and Persian Manuscripts Fund Account ..	5,000	0	0			
Barclay Memorial Fund Account ..	24	4	0			
Servants' Pension Fund Account ..	924	6	2			
Annandale Memorial Fund Account ..	138	8	0			
Permanent Library Endowment Fund Account ..	489	0	0			
Sir William Jones Memorial Fund Account ..	104	12	0			
Pramathanath Bose Memorial Fund Account ..	52	10	0			
Joy Gobind Law Memorial Fund Account ..	104	12	0			
Calcutta Science Congress Prize Fund Account ..	104	12	0			
Dr. Brühl Memorial Fund Account ..	34	12	0			
Provident Fund Account ..	1,315	1	3			
Advances Account ..	1,240	0	0			
Personal Account ..	16,086	2	5			
Publication Fund Account ..	270	11	0			
Savings Bank Deposit Account, Imperial Bank of India, Calcutta ..	1,921	14	2			
Fixed Deposit Account, Imperial Bank of India, Calcutta ..	15,000	0	0			
				86,074	4	9
				97,779	6	4



1938]

Receipts and Disbursements. •

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## STATEMENT No. 25.

Account.

1937.

December, 1937.

By	Rs. As. P.	Rs. As. P.
General Fund Account .. ..	33,925 12 1	
Oriental Publication Fund No. 1 Account ..	16 0 0	
Sanskrit Manuscripts Fund Account ..	1,215 0 0	
Arabic and Persian Manuscripts Fund Account ..	3,745 8 9	
Servants' Pension Fund Account ..	121 0 0	
Building Repair Fund Account ..	2,187 12 6	
Provident Fund Account ..	1,021 14 2	
Advances Account ..	900 0 0	
Personal Account ..	2,940 7 6	
Savings Bank Deposit Account, Imperial Bank of India, Calcutta ..	2,555 1 3	
Fixed Deposit Account, Imperial Bank of India, Calcutta ..	30,000 0 0	
		88,628 8 3
Balance as per Balance Sheet—		
In hand ..	149 15 0	
With the Imperial Bank of India, on Current Account ..	9,000 15 1	
		9,150 14 1

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 97,779 6 4
 

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## STATEMENT No. 26.

1937.

Balance

As at 31st

## LIABILITIES.

	Rs.	As.	P.	Rs.	As.	P.
General Fund Account ..	2,91,293	5	0			
Oriental Publication Fund No. 1 Account ..	10,354	1	11			
Oriental Publication Fund No. 2 Account ..	2,474	9	5			
Sanskrit Manuscripts Fund Account ..	17,487	1	3			
Arabic and Persian Manuscripts Fund Account ..	2,056	2	3			
Barclay Memorial Fund Account ..	729	5	8			
Servants' Pension Fund Account ..	3,871	2	8			
Annandale Memorial Fund Account ..	4,563	5	9			
Permanent Library Endowment Fund Account ..	14,922	15	8			
Sir William Jones Memorial Fund Account ..	3,168	10	0			
Pramathanath Bose Memorial Fund Account ..	1,927	1	0			
Joy Gobind Law Memorial Fund Account ..	3,143	0	0			
Building Fund Account ..	6,321	9	6			
Calcutta Science Congress Prize Fund Account ..	3,824	10	7			
Dr. Brühl Memorial Fund Account ..	1,040	8	0			
Building Repair Fund Account ..	8,150	1	6			
International Catalogue of Scientific Literature, London ..	4,374	7	8			
Provident Fund Account ..	18,214	14	1			
Publication Fund Account ..	7,476	0	9			
				4,05,393	0	8
				4,05,393	0	8

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1937.

PRICE, WATERHOUSE, PEAT & Co.,

Calcutta,  
January 23rd, 1938.

Auditors.  
Chartered Accountants,  
Registered Accountants.



1938]

Receipts and Disbursements.

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## STATEMENT No. 26.

Sheet.

1937..

December, 1937.

## ASSETS.

			Rs.	As.	P.	Rs.	As.	P.
Advances Account	..	..	1,210	0	0			
Personal Account	..	..	3,714	1	6			
						4,924	1	6
Deposits :—								
Savings Bank Deposit Account, Imperial Bank of India	..	..	6,091	12	1			
Fixed Deposit Account, Imperial Bank of India	..	..	60,000	0	0			
						66,091	12	1
Investment Account	..	..				3,25,226	5	0
Cash Account :—								
In hand	..	..	149	15	0			
With the Imperial Bank of India, on Current Account	..	..	9,000	15	1			
						9,150	14	1

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 4,05,393 0 8
 

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S. L. HORA,  
Honorary Treasurer.







[APPENDIX IV.]

Abstract Proceedings Council, 1937.

(Rule 48 f.)

ACCOMMODATION—

Request for the use of the Society's Hall by the Mining and Geological Institute of India. Grant.

No. 1.

27-9-37.

Request for the use of the Society's Hall by the Mining and Geological Institute of India. Grant.

No. 1.

29-11-37.

ADVERTISING—

Proposal for the erection of a neo-light sign advertisement. That the General Secretary be authorized to conclude negotiations and to execute and sign a lease on behalf of the Society at a minimum rental of Rs.250 per mensem for a period of three years; that the broker receive the amount of the first monthly rental as a commission.

No. 11.

30-3-37.

ANNUAL MEETING—

Annual Meeting. Arrangements approved; notice to be issued under the terms of the Rules, but requesting abstention of members till the 15th of February.

No. 10.

25-1-37.

Annual Report. Accept.

No. 11.

25-1-37.

ASSOCIATE MEMBERS—

Quinquennial re-election Associate Members. Recommend all three Associate Members for re-election.

No. 2.

30-3-37.

AT HOME—

Considered a letter from the Military Secretary to H.E. the Governor of Bengal intimating acceptance by H.E. of the Society's invitation to an 'At Home' in the rooms of the Society and suggesting 6 p.m. on Tuesday, the 16th November, as time and date of the function.

Unanimously approved.

Special Council.

31-8-37.

The Council expressed its thanks to the President, Sir John Anderson, for his acceptance of an invitation to a farewell-tea by the Council on the 16th November, 1937, at 6 p.m.

No. 7.

31-8-37.



## BIBLIOTHECA INDICA—

Recommendation Finance Committee No. 6 of 19-2-37.

Typist Gupta's application for additional pay in connection with the Index to the Tabaqat-i-Akbari. Postpone to next meeting. Accepted by Council.

No. 7.

30-5-37.

## BUILDING—

Recommendation Finance Committee No. 2 (ii) of 9-12-37.

Society's contribution to the Building Repair Fund Rs.2,000. Pay. Accepted by Council.

No. 6.

13-12-37.

## COMMITTEES—

Constitution Standing Committees for 1937-38.

The Standing Committees to be as follows:—

## (a) Finance Committee :

President  
General Secretary } *Ex-Officio.*  
Treasurer

Dr. Bains Prashad.  
Dr. J. N. Mukherjee.  
Sir U. N. Brahmachari.  
Mr. K. C. Mahindra.

## (b) Library Committee :

President  
General Secretary  
Treasurer  
Philological Secretary  
Jt. Philological Secretary  
Biological Secretary  
Physical Science Secretary  
Anthropological Secretary  
Medical Secretary  
Library Secretary } *Ex-Officio.*  
Sir U. N. Brahmachari.

## (c) Publication Committee :

President  
General Secretary  
Treasurer  
Philological Secretary  
Jt. Philological Secretary  
Biological Secretary  
Physical Science Secretary  
Anthropological Secretary  
Medical Secretary  
Library Secretary } *Ex-Officio.*  
Sir U. N. Brahmachari.

No. 3.

30-3-37.

## CONGRATULATIONS AND THANKS—

Outgoing members of Council. That the Council's thanks be conveyed to the outgoing members not re-elected to the new Council.

No. 12.

25-1-37.



The Council offered its congratulations to Dr. Hora for being the recipient of the title of "Rai Bahadur".

31-5-37.

Congratulations to Bt.-Col. R. N. Chopra. The Council's congratulations to be conveyed to Col. R. N. Chopra at the occasion of his obtaining a Doctorate of the University of Cambridge.

No. 6.

26-7-37.

Report by the General Secretary that H.M. the Queen of the Netherlands had been pleased to admit him to the rank of Officer of the Order of Oranje Nassau. Record with the Council's congratulations.

No. 10.

31-8-37.

Letter from R.B. R. Chanda resigning his seat on the Council as Anthropological Secretary. Accept resignation with regret and with thanks for the valuable services rendered by R.B. R. Chanda. Dr. B. S. Guha to replace R.B. R. Chanda as Anthropological Secretary.

No. 10.

27-9-37.

Letter from H. Dass, London, proposing to present to the Society certain articles and books bequeathed to him by the late Miss E. R. Martin of East Putney, London. Accept with thanks.

No. 13.

29-11-37.

## COUNCIL—

Outgoing members of Council. Resolved: That the Council's thanks be conveyed to the outgoing members not re-elected to the new Council.

No. 12.

25-1-37.

Acceptance of seats on the Council by the elected Council Members. Record.

No. 1.

30-3-37.

The question of holding Committee and Council Meetings in October (Poojah Month). No meeting unless the General Secretary desires otherwise.

No. 7.

27-9-37.

Letter from R.B. R. Chanda resigning his seat on the Council as Anthropological Secretary. Accept resignation with regret and with thanks for the valuable services rendered by R.B. R. Chanda. Dr. B. S. Guha to replace R.B. R. Chanda as Anthropological Secretary.

No. 10.

27-9-37.

On a proposal from Sir U. N. Brahmachari, seconded by Mr. John van Manen, it was unanimously resolved to propose the name of the President, His Excellency Sir John Anderson, for election as an Honorary Fellow at the next General Meeting of the Royal Asiatic Society of Bengal.

Special Council.

19-11-37.

Fixing date of Committee and Council Meetings (December). Monday the 13th December.

No. 10.

29-11-37.



Informal consideration composition of Council, 1938-39.

After discussion the following list of candidates for nomination to next year's Council was placed before the meeting for consideration.

President	..	..	Sir David Ezra.
Vice-President	..	..	Dr. A. M. Heron
"	..	..	Lt.-Col. N. Barwell.
"	..	..	Bt.-Col. R. N. Chopra.
"	..	..	The Hon. Mr. Justice Lort-Williams.
General Secretary	..	..	Mr. Johan van Manen.
Honorary Treasurer	..	..	Mr. Percy Brown.
Philological Secretary	..	..	Dr. S. K. Chatterji.
Jt. Philological Secretary	..	..	Dr. M. Hidayat Hosain.
Nat. Hist. Secretary (Biology)	..	..	Dr. Bains Prashad.
" " " (Phys. Science)	..	..	Dr. J. N. Mukherjee.
Anthropological Secretary	..	..	Dr. B. S. Guha.
Medical Secretary	..	..	Sir U. N. Brahmachari.
Library Secretary	..	..	Mr. M. Mahfuz-ul Haq.
Member of Council	..	..	Mr. N. G. Majumdar.
"	..	..	Mr. K. C. Mahindra.
"	..	..	Mr. W. D. West.
"	..	..	Sir George Campbell.
"	..	..	Capt. C. L. Pasricha.
"	..	..	Mr. Kalipada Biswas.

Resolved that the General Secretary do print and circulate to the members of the Council the list of the Council as at present constituted together with the new list placed before the meeting, and provided with a blank column for additional names; that these lists be returned to the General Secretary within a week of date of issue; that a list be compiled of the candidates finally proposed and be placed before the next Council meeting to be voted upon.

No. 12.

29-11-37.

Council nomination, 1938-39. The General Secretary reported that 15 Council Members had returned the list of candidates circulated duly signed and unanimously approved without any alternative suggestion. Resolved that the list of names placed before the Council in the November meeting be declared that of the Council's candidates for election to next year's Council and that it be ordered to be issued to the Resident Members as prescribed by Rule 44.

No. 10.

13-12-37.

#### EXCHANGE OF PUBLICATIONS—

Application for an exchange of publications from the Editor, *Revisita Degli Studi Orientali*, Rome. Accept Journal and Memoirs on Oriental subjects.

No. 12.

26-4-37.

#### FANS—

Recommendation Finance Committee No. 6 of 21-1-37. Installation New Fans. Only low current consumption fans to be considered. Accepted by Council.

No. 6.

25-1-37.



Recommendation Finance Committee No. 4 of 24-6-37. Fans. The General Secretary reported on advice received by him regarding the renewal of fans. That the General Secretary be authorized to arrange for the renewal of the Society's fans. Accepted by Council.

No. 3.

28-6-37.

Recommendation Finance Committee No. 4 of 26-8-37. The General Secretary reported that the old fans had been disposed of for Rs.120. Approve. Accepted by Council.

No. 3.

31-8-37.

## FELLOWS—

Recommendations of the meeting of Resident Fellows on 5-1-37. Accept; put up the names for election in the Annual Meeting.

No. 9.

25-1-37.

## FINANCE—

Recommendation Finance Committee No. 2 of 21-1-37. Consideration investment of a sum of Rs.10,000 from the current account of the Society with the Bank. Place Rs.10,000 in fixed deposit for a year with the Imperial bank. Accepted by Council.

No. 6.

25-1-37.

Recommendation Finance Committee No. 3 of 21-1-37. Letter from the Bombay Natural History Society asking a grant of £100. Decline, whilst expressing interest and appreciation, on ground of stringency of the Society's own financial resources. Accepted by Council.

No. 6.

25-1-37.

Recommendation Finance Committee No. 4 of 24-1-37. Death of the Despatcher, (joined 9-6-1920). Provident Fund. Provident Fund assets to be made over to legal successor of deceased in accordance with the Provident Fund regulations. Recommendation Finance Committee No. 5 of 21-1-37. Application from late despatcher's wife praying for gratuity or help. Decline in view of provisions of Provident Fund. Council order: Refer back to Finance Committee for consideration of Mr. Mahindra's suggestion that the widow of the late despatcher P. C. Deb be offered a monthly pension of Rs.10 to 12 in lieu of the lump sum payment of the amount standing to the credit of the deceased in the Society's provident fund.

No. 6.

25-1-37.

Recommendation Finance Committee No. 3 (a) of 19-2-37. Report by Messrs. Price, Waterhouse, P&C & Co., Auditors, for the year 1936. Accepted by Council.

No. 7.

30-3-37.

Recommendation Finance Committee No. 3 (b) of 19-2-37. Re-consideration of the application from the wife of the late despatcher of the Society, Babu P. C. Deb. Recommend pension of Rs.11 p.m., and the balance standing to the credit of the late P. C. Deb be transferred to the Pension Fund. Accepted by Council.

No. 7.

30-3-37.



Recommendation Finance Committee No. 3 of 28-5-37. Request from the Indian Science Congress Association for a donation to their Silver Jubilee Funds. Recommend donation of Rs.500. Accepted by Council.  
No. 3. 31-5-37.

Recommendation Finance Committee No. 3 of 24-6-37. Report by the Honorary Treasurer, of a fixed deposit of Rs.10,000 made with the Imperial Bank of India, Park Street, for a period of one year. Approve. Accepted by Council.  
No. 3. 28-6-37.

Recommendation Finance Committee No. 3 of 22-7-37. Resolved that the Honorary Treasurer be authorised to advance to the Indian Science Congress Association a sum not exceeding £1,000, if necessary, and if available in the cash balance of Society. Accepted by Council.  
No. 2. 26-7-37.

Recommendation Finance Committee No. 3 of 26-8-37. Report by the Honorary Treasurer of the renewal during the month of a fixed deposit of Rs.10,000 with the Imperial Bank of India, Park Street Branch. Approve. Accepted by Council.  
No. 3. 31-8-37.

Recommendation Finance Committee No. 4 of 26-8-37. The General Secretary reported that the old fans had been disposed of for Rs.120. Approve. Accepted by Council.  
No. 3. 31-8-37.

Recommendation Finance Committee No. 4 of 25-11-37. Resolved that the General Secretary be authorised to advance the sum required to pay Messrs. Firpo Ltd. their bill for the Council's tea to H.E. the Governor. Accepted by Council.  
No. 5. 29-11-37.

Authority to make payments of bills during the end of the year. The Honorary Treasurer is hereby authorised to make payments of bills towards the end of the year in anticipation of sanction by the Finance Committee.  
No. 6. 29-11-37.

Recommendation Finance Committee No. 2(i) of 9-12-37. Society's contribution to the Provident Fund for the year 1937. (Rs.651-6-0). Pay. Accepted by Council.  
No. 6. 13-12-37.

Recommendation Finance Committee No. 2 (ii) of 9-12-37. Society's contribution to the Building Repair Fund Rs.2,000. Pay. Accepted by Council.  
No. 6. 13-12-37.

Recommendation Finance Committee No. 2 (iii) of 9-12-37. Bad debts written-off during the year Rs.948-11-0. Write off. Accepted by Council.  
No. 6. 13-12-37.



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Abstract Proceedings Council, 1937.

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## HONORARY FELLOWS—

On a proposal from Sir U. N. Brahmachari, seconded by Mr. Johan van Manen, it was unanimously resolved to propose the name of the President, His Excellency Sir John Anderson, for election as an Honorary Fellow at the next General Meeting of the Royal Asiatic Society of Bengal.

Special Council.

19-11-37.

## INDIAN SCIENCE CONGRESS ASSOCIATION—

Recommendation Finance Committee No. 3 of 28-5-37. Request from the Indian Science Congress Association for a donation to their Silver Jubilee Funds. Recommend donation of Rs.500. Accepted by Council.

No. 3.

31-5-37.

Recommendation Finance Committee No. 3 of 22-7-37. Resolved that the Honorary Treasurer be authorised to advance to the Indian Science Congress Association a sum not exceeding £1,000, if necessary, and if available in the cash balance of Society. Accepted by Council.

No. 2.

26-7-37.

Appointment of Advisory Board for the award of: (e) Indian Science Congress (Calcutta) Medal. The question of a die to be considered by a Sub-Committee consisting of Messrs. J. N. Mukherjee, Percy Brown and the General Secretary. The Committee to report as soon as possible to Council.

No. 9.

27-9-37.

Recommendations of the Indian Science Congress Calcutta Medal Advisory Board. Award to go to Sir James Jeans. Mr. Percy Brown and the General Secretary to consider the question of a design for the medal.

No. 5.

13-12-37.

## LECTURES—

Public lecture by Dr. Goetz. Accept offer of lecture; General Secretary to arrange for 12th April, 6 p.m.

No. 12.

30-3-37.

## LOAN OF MANUSCRIPTS—

Application for the loan of manuscripts from:

(a) Mr. Syed Ata Husain for 'Turjuma-i-Aadal-ul-moirideen'. Lend against indemnity bond to the value of Rs.300.

(b) Librarian, Allahabad University, for 'Tulasidas' Hanumana Bahuka'. Lend against indemnity bond to the value of Rs.500.

(c) Bhandarkar Oriental Research Institute for 'Sangitasiromani' and 'Natyaratnavali'. Lend against indemnity bonds to the value of Rs.500 and Rs.750, respectively.

No. 5.

25-1-37.

Application for loan of manuscripts from:—

(a) T. R. Chintamani, Madras, for (1) Katyayana Grihya Sutra and (2) Smritimanjuri. Grant loan of No. (1) against a bond for Rs.100; (2) not to leave the Society's premises.

(b) India Office Library, for (1) Subhasitasara-Samuccaya and (2) Mukunda-muktavali-stotra. Grant loan.



(c) Bhandarkar Oriental Research Institute for Kathasaritsagara (two MSS.). Grant loan against bond for Rs.500.

(d) International Academy of Indian culture for Prajnaparasnita-Ratnaguna-Sancaya Gatha. Manuscript not to leave the Society's premises. Photographic copy may be arranged for.

No. 4.

30-3-37.

Application from the Librarian, Calcutta University Library, for extending the loan period of two Sanskrit MSS., Bhāttakavya and Sarvamanjari, for six months. Grant extension.

No. 5.

30-3-37.

Application for loan of manuscripts from:—

(1) Rao Bahadur K. V. Rangaswami Aiyangar, Benares, for two parts of 'Kṛitya-kalpataru of Lakshmidhara'. Grant loan against bond for Rs.200.

(2) Bhandarkar Oriental Research Institute, Poona, for three manuscripts, (a) Sangita-Kalpadruma, (b) Sangitasara of Subhaankara and (c) Sangitakalpalata. The manuscripts being old and fragile cannot be lent out; photographic copies may be arranged for.

No. 3.

26-4-37.

Application for an extension of the loan period of a manuscript from the Librarian, Punjab University Library. Grant extension.

No. 4.

26-4-37.

Application for loan of a manuscript (Yajñavalkya-Dīpakalika) from the Curator, Bhandarkar Oriental Research Institute, Poona. If the copy be found suitable for sending out may be lent against indemnity bond to the value of Rs.400.

No. 1.

31-5-37.

Application for loan of 'Saktisangrama Tantra' Manuscript from the Director, Oriental Institute, Baroda. Lend provided the borrower undertakes to return the MS. immediately whenever called for, and only after Mr. Chintaharan Chakravarty has finished with the MS. in connection with his work on the MS. Catalogue. A letter to be written in these terms.

No. 1.

28-6-37.

Application for loan of 'Kṛtyakalpataru' manuscript by Rao Bahadur K. V. R. Ayyangar. Lend against the indemnity bond to the value of Rs.200.

No. 1.

31-8-37.

Application for loan of three manuscripts from Mr. M. Ramakrishna Kavi, Madras. Lend against the usual indemnity bonds if the application is received through the Bhandarkar Oriental Research Institute, Poona.

No. 11.

27-9-37.

Report on manuscripts lent out during the month. Record. Further resolved that no unique MS. shall be lent out to leave the Society's premises. Such MSS. to be consulted in the library.

No. 2.

29-11-37.



## Application for loan of Manuscripts from:—

- (a) The Librarian, India Office Library, forwarded through the Assistant Secretary to the Government of Bengal, for two Sanskrit MSS. Lend against the usual indemnity bonds.
- (b) The Librarian, Yale University Library, for five Sanskrit MSS. The General Secretary to enquire whether the manuscripts asked for are in the Society's library; if found, lend against usual indemnity bonds.

No. 3.

29-11-37.

Application for an extension of the loan of 'Devi-Purana' manuscript from the Librarian, India Office Library. Grant.

No. 4.

29-11-37.

## MEETINGS—

Consideration of the programme of the Ordinary Monthly Meeting, February, 1937. No meeting in February.

No. 12.

25-1-37.

Consideration of the Programme of the Ordinary Monthly Meeting, August, 1937. No papers having been communicated during the previous month, it was resolved that there should be no Monthly General Meeting in August.

No. 5.

26-7-37.

The question of having Committee and Council Meetings in October (Poojah Month). No meeting unless the General Secretary desires otherwise.

No. 7.

27-9-37.

Consideration of the programme of the Ordinary Monthly Meeting, November 1937. The General Secretary to arrange.

No. 8.

27-9-37.

## MEMORIAL MEDALS—

Letter of thanks from Dr. J. H. Hutton for the award of the Annandale Memorial Medal. Record.

No. 1.

26-4-37.

## Appointment of Advisory Board for the award of:—

(a) Sir William Jones Memorial Medal (Philosophy, Literature and History). The *Ex-Officio* members (Philological and Jt. Philological Secretaries) and the General Secretary.

(b) Barclay Memorial Medal (Zoology). The *Ex-Officio* members (Biological and Medical Secretaries) and Sir U. N. Brahmachari.

(c) Brühl Memorial Medal (Botany). The *Ex-Officio* member (Biological Secretary) and Messrs. C. C. Calder, S. P. Agharkar and R. N. Chopra.

(d) P. N. Bose Memorial Medal (Geology). Hold over; the General Secretary in the meantime to explain the position to Sir B. L. Mitter.

(e) Indian Science Congress (Calcutta) Medal. The question of a die to be considered by a Sub-Committee consisting of Messrs. J. N. Mukherjee, Percy Brown and the General Secretary. The Committee to report as soon as possible to Council.

No. 9.

27-9-37.



Recommendations of the Sir William Jones Memorial Medal Advisory Board. Accept recommendation: Prof. Dr. A. J. Wensinck.  
No. 2. 13-12-37.

Recommendations of the Barclay Memorial Medal Advisory Board. Accept recommendation: Bt.-Col. R. N. Chopra.  
No. 3. 13-12-37.

Recommendations of the Brühl Memorial Medal Advisory Board. After report by the General Secretary, resolved that Dr. Agharkar be requested to forward a detailed statement regarding Rao Bahadur G. N. Rangaswami Ayyangar for circulation to the Council together with the detailed statement regarding Sir William Wright Smith.  
No. 4. 13-12-37.

Recommendations of the Indian Science Congress Calcutta Medal Advisory Board. Award to go to Sir James Jeans. Mr. P. Brown and the General Secretary to consider the question of a design for the medal.  
No. 5. 13-12-37.

#### MISCELLANEOUS—

List of members contained in the Coronation Honours list. Record.  
No. 7. 31-5-37.

Letter from H. Dass, London, proposing to present to the Society certain articles and books bequeathed to him by the late Miss E. R. Martin of East Putney, London. Accept with thanks.  
No. 13. 29-11-37.

#### NATIONAL INSTITUTE OF SCIENCES OF INDIA—

Representation of the Society on the Council of the National Institute of Sciences of India. Sir U. N. Brahmachari and Mr. C. C. Calder to be the Society's representatives, the former as Vice-President and the latter as a member of Council.  
No. 2. 25-1-37.

#### OBITUARY—

(1) MM. Kamakhyanath Tarkabagisha (An Honorary Fellow, since 1911). Announce. Mr. Chintaharan Chakravarti to prepare an obituary notice of the late MM. Kamakhyanath Tarkabagisha.  
No. 10 (c) 30-3-37.

Death of an old relation of the Society, Dewan Bahadur L. K. Anantha Kfishna Iyer (An Associate Member from 1910-1928). Announce. Dr. B. S. Guha to prepare an obituary notice of the late Dewan Bahadur L. K. A. Iyer.  
No. 10 (d) 30-3-37.

(2) Sir W. L. Travers (An Ordinary Member, 1929); (3) Mr. B. K. Basu (An Ordinary Member, 1929); (4) Kumar H. K. Mitter (An Ordinary Member, 1929). Council Order: Announce.  
No. 6 (c) 31-8-37.



(5) Lord Rutherford of Nelson (A Special Anniversary Honorary Member, 1934); (6) Prof. Dr. Herman Jacobi (An Honorary Fellow, since 1930); (7) Thakur Kishore Singh Ji Barhut (An Ordinary Member, 1926); (8) Sir Jagadis Chandra Bose (An Ordinary Member, 1893; Fellow, since 1912). Announce. The General Secretary to send condolence letters on behalf of the Society to the relatives of the late Lord Rutherford of Nelson, Dr. H. Jacobi and Sir J. C. Bose.

No. 9 (c)

29-11-37.

(9) Surendra Nath Das (An Ordinary Member, 1924). Council Order; Announce.

No. 9 (c)

13-12-37

## PATRON—

On proposal from Sir U. N. Brahmachari, it was resolved to invite His Excellency Lord Brabourne to accept the patronage of the Society in place of Sir John Anderson, retired.

Council.

29-11-37.

## PROVIDENT FUND—

Recommendation Finance Committee No. 4 of 21-1-37. Death of the Despatcher, (joined 9-6-1920). Provident Fund. Provident Fund assets to be made over to legal successor of deceased in accordance with the Provident Fund regulations. Recommendation Finance Committee No. 5 of 21-1-37. Application from late despatcher's wife praying for gratuity or help. Decline in view of provisions of Provident Fund. Council order: Refer back to Finance Committee for consideration of Mr. Mahindra's suggestion that the widow of the late despatcher P. C. Deb be offered a monthly pension of Rs.10 to 12 in lieu of the lump sum payment of the amount standing to the credit of the deceased in the Society's Provident Fund.

No. 6.

25-1-37.

Recommendation Finance Committee No. 4 of 19-2-37. Application for permission to contribute to the Provident Fund by Duftries: Abdul Razzak and Nawab Jan. Postpone. Accepted by Council.

No. 7.

30-3-37.

Recommendation Finance Committee No. 2 of 24-6-37. Payment of an advance of Rs.500 to Babu B. L. Dutt, Librarian, from the Provident Fund. Approve. Accepted by Council.

No. 3.

28-6-37.

Recommendation Finance Committee No. 3 of 23-9-37. Application for a loan of Rs.250 from the Provident Fund by Mr. D. K. Das. Grant; interest at 3% per annum. Accepted by Council.

No. 3.

27-9-37.

Recommendation Finance Committee No. 4 of 23-9-37. Application for a loan of Rs.100 by Mr. R. K. Iyer. Grant from the Provident Fund; interest at 3% per annum. Accepted by Council.

No. 3.

27-9-37.

Recommendation Finance Committee No. 3 of 25-11-37. Report granting during the month a loan of Rs.50 from the Provident Fund to Babu B. M. Chakravarti. Reco'd. Accepted by Council.

No. 5.

29-11-37.



Recommendation Finance Committee No. 2 of 9-12-37. Society's contribution to the Provident Fund for the year 1937. (Rs.651-6-0).  
Pay. Accepted by Council.  
No. 6. 13-12-37.

PUBLICATION—

Letter from the Government of India, Department of Education, Health and Lands, asking Society's views regarding continuation of the publication of the late Major Raverty's 'History of Hirat and Annals of Khurasan'. That the General Secretary be instructed to reply that in the absence of any new material before Council to enable it to express any opinion different from that expressed before by Council in 1912, the Council adheres to its previous opinion.  
No. 9. 31-8-37.

REPRESENTATION—

Representation of the Society on the Council of the National Institute of Sciences of India. Sir U. N. Brahmachari and Mr. C. C. Calder to be the Society's representatives, the former as Vice-President and the latter as a member of Council.  
No. 2. 25-1-37.

Representation on the Selection Committee, Kamala Lectureship, Calcutta University. Sir U. N. Brahmachari to be the Society's representative.  
No. 10. 26-4-37.

Representation of the Society at the 50th Anniversary celebrations of the Allahabad University. The General Secretary to arrange after consulting members of Council who may be able to attend personally.  
No. 8. 31-8-37.

STAFF—

Recommendations of the Finance Committee of 21-1-37. Accept. with modification of points 4 and 5 as follows:  
Refer back to Finance Committee for consideration of Mr. Mahindra's suggestion that the widow of the late Despatcher P. C. Deb be offered a monthly pension of Rs.10 to 12 in lieu of the lump sum payment of the amount standing to the credit of the deceased in the Society's Provident Fund.  
No. 6. 25-1-37.

Recommendation Finance Committee No. 3(b) of 19-2-37. Re-consideration of the application from the wife of the late despatcher of the Society, Babu P. C. Deb. Recommend pension of Rs.11 p.m., if balance standing to the credit of the late P. C. Deb is transferred to the Pension Fund. Accepted by Council.  
No. 7. 30-3-37.

Recommendation, Finance Committee No. 5 of 19-2-37. Application for increment from the staff. Refer to General Secretary and the Honorary Treasurer as per earlier resolution of the Finance Committee. Accepted by Council.  
No. 7. 30-3-37.

Application for leave from the Head Clerk. Grant.  
No. 13. 26-4-37.



**List of  
Patrons,  
Officers, Council Members, Members,  
Fellows, and Medallists  
of the  
Royal Asiatic Society of Bengal,  
On the 31st December, 1937.**



# PATRONS OF THE ROYAL ASIATIC SOCIETY OF BENGAL.

1936	..	..	H.E. the Most Hon'ble the Marquess of Linlithgow, P.C., Kt., G.M.S.I., G.M.I.E., O.B.E., D.L., T.D., Viceroy and Governor-General of India.
1932	..	..	H.E. the Right Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E., Governor of Bengal.
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1910-1916	..	..	Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
1917-1922	..	..	Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
1922-1927	..	..	Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
1926-1931	..	..	Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
1927-1932	..	..	Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
1931-1936	..	..	Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.



# OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL DURING THE YEAR 1937.

## Elections Annual Meeting.

### President.

H.E. The Rt. Hon'ble Sir John Anderson, P.G., G.C.B., G.C.I.E.

### Vice-Presidents.

Rai Sir Upendra Nath Brahmachari Bahadur, Kt., M.A., M.D., Ph.D.,  
F.R.A.S.B.

A. M. Heron, Esq., D.Sc., F.G.S., F.R.G.S., F.R.S.E., F.R.A.S.B.

Percy Brown, Esq., A.R.C.A., F.R.A.S.B.

Lt.-Col. N. Barwell, M.C., M.A., Barrister-at-Law.

### Secretaries and Treasurer.

General Secretary :—Johan van Manen, Esq., C.I.E., F.R.A.S.B.

Treasurer :—S. L. Hora, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B.

Philological Secretary :—S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.

Joint Philological Secretary :—Shamsul 'Ulama Mawlawi M. Hidayat  
Hosain, Khan Bahadur, Ph.D., F.R.A.S.B.

Natural History Secretaries { Biology :—Baini Prashad, Esq., D.Sc., F.Z.S.,  
F.R.S.E., F.R.A.S.B.  
Physical Science :—J. N. Mukherjee, Esq., D.Sc.,  
F.C.S.

Anthropological Secretary :—Rai Bahadur Ramaprasad Chanda, B.A.,  
F.R.A.S.B.

Medical Secretary :—Bt.-Col. R. N. Chopra, C.I.E., M.A., M.B., I.M.S.,  
F.R.A.S.B.

Library Secretary :—M. Mahfuz-ul Haq., Esq., M.A.

### Other Members of Council.

C. C. Calder, Esq., B.Sc., F.L.S.

N. G. Majumdar, Esq., M.A., F.R.A.S.B.

K. C. Mahindra, Esq., B.A.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

B. S. Guha, Esq., M.A., Ph.D.

W. D. West, Esq., M.A.

### APPOINTMENTS, TRANSFERS, AND OTHER CHANGES DURING THE YEAR.

Sir U. N. Brahmachari, Acting President, *vice* H.E. Sir John Anderson,  
absent, from 15-4-37 to 21-7-37 and from 15-11-37 to end of the year.

Dr. B. S. Guha, Anthropological Secretary, *vice* Rai Bahadur R. Chanda,  
resigned, on 6-12-37.

Mr. Johan van Manen, Acting Honorary Treasurer, *vice* Dr. S. L. Hora,  
absent, from 1-1-37 to 15-1-37; from 29-6-37 to 6-7-37 and from  
8-11-37 to 29-11-37.

Mr. W. D. West, absent from 1-3-37 to 20-4-37.

Mr. Percy Brown, absent from 25-3-37 to 31-10-37.

Lt.-Col. N. Barwell, absent from 15-3-37 to 15-4-37.

Brevet-Col. R. N. Chopra, absent from 15-4-37 to 25-8-37.

Dr. A. M. Heron, absent from 11-4-37 to 26-7-37.

Mr. C. C. Calder, absent from 1-11-37 to end of the year.



OFFICERS AND MEMBERS OF COUNCIL OF THE  
ROYAL ASIATIC SOCIETY OF BENGAL  
ELECTED FOR THE YEAR 1938.

*President.*

Sir David Ezra, Kt., F.Z.S., M.B.O.U.

*Vice-Presidents.*

A. M. Heron, Esq., D.Sc., F.G.S., F.R.G.S., F.R.S.E.,  
F.R.A.S.B.

Lt.-Col. N. Barwell, M.C., M.A., Barrister-at-Law.

Bt.-Col. R. N. Chopra, C.I.E., M.A., M.B., I.M.S.,  
F.R.A.S.B.

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

*Secretaries and Treasurer.*

General Secretary:—Johan van Manen, Esq., C.I.E.,  
F.R.A.S.B.

Treasurer:—Percy Brown, Esq., A.R.C.A., F.R.A.S.B.

Philological Secretary:—S. K. Chatterji, Esq., M.A., D.Lit.  
F.R.A.S.B.

Joint Philological Secretary:—Shamsu'l 'Ulama Mawlawi  
M. Hidayat Hosain, Khan Bahadur, Ph.D., F.R.A.S.B.

Natural History Secretaries. { Biology:—Baini Prashad, Esq., D.Sc., F.Z.S.,  
F.R.S.E., F.R.A.S.B.  
Physical Science:—J. N. Mukherjee, Esq.,  
D.Sc., F.C.S., F.R.A.S.B.

Anthropological Secretary:—B. S. Guha, Esq., M.A., Ph.D.

Medical Secretary:—Rai Sir Upendra Nath Brahmachari  
Bahadur, Kt., M.A., M.D., Ph.D., F.R.A.S.B.

Library Secretary:—M. Mahfuz-ul Haq, Esq., M.A.

*Other Members of Council.*

N. G. Majumdar, Esq., M.A., F.R.A.S.B.

K. C. Mahindra, Esq., B.A. (Cantab.).

W. D. West, Esq., M.A.

Sir George Campbell, Kt.

Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S.

Kalipada Biswas, Esq., M.A., D.Sc.



## ORDINARY MEMBERS.

R=Resident. N=Non-Resident. F=Foreign. A=Absent. L=Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election.		
5-4-22	R	<b>Abdul Ali</b> , ABUL FAIZ MUHAMMAD, M.A., M.R.A.S., F.R.3.L., F.R.C.S., F.R.H.S. 3, Turner Street, Calcutta.
7-3-27	R	<b>Abdul Kadir</b> , A. F. M., M.A. (ALLAHABAD), MAULVIE FAZIL (PUNJAB), MADRASSAH FINAL (CALCUTTA), <i>Professor, Islamia College</i> . 19, Wellesley Square, Calcutta.
2-11-25	N	<b>Acharya</b> , PARAMANANDA, B.S.C., <i>State Archæologist</i> . Mayurbhanj State, Baripada.
2-3-21	R	<b>Agharkar</b> , SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., <i>Sir Rash Behari Ghose Professor of Botany, Calcutta University</i> . 35, Ballygunge Circular Road, Calcutta.
3-2-36	N	<b>Ahmad</b> , ALFAZUDDIN, KHAN BAHADUR, M.A., <i>Retired Assistant Director of Public Instruction, Bengal</i> . Dhalhora, P.O. Tamluk, Midnapur.
1-1-34	N	<b>Ahmad</b> , MIAN JAMAL-UD-DIN, B.A., B.T., <i>Member, Bureau of Education, Afghanistan</i> . 2, Andrabi, Kabul, Afghanistan.
4-1-37	R	<b>Ahmad</b> , SHAMSUDDIN, <i>Archæological Section, Indian Museum</i> . 27, Chowringhee, Calcutta.
6-6-17	N	<b>Aiyangar</b> , K. V. RANGASWAMI, RAO BAHADUR, M.A., <i>Late Director of Public Instruction, Travancore; Principal, Central Hindu College, Hindu University</i> . Benares.
6-12-26	N	* <b>Aiyangar</b> , S. KRISHNASWAMI, M.A., PH.D., M.R.A.S., F.R.HIST.S., F.R.A.S.B., <i>Rajasevasakta, Professor, University of Madras</i> . "Sripadam", 143, Brodies Road, Mylapore, Madras, S.
1-12-20	N	<b>Akbar Khan</b> , THE HON'BLE MAJOR NAWAB SIR MOHAMMED, K.B.E., C.I.E., <i>Khan of Hoti</i> . Hoti, N.W.F.P.
6-1-36	R	<b>Anderson</b> , HIS EXCELLENCY THE RT. HON'BLE SIR JOHN, P.C., G.C.B., G.C.I.E., <i>Governor of Bengal</i> . Calcutta.
3-7-12	F	<b>Andrews</b> , EGBERT ARTHUR, B.A. c/o The Royal Empire Society, Northumberland Avenue, London, W.C.
5-4-37	R	<b>Asari</b> , J. R., <i>Retd. Asstt. Controller of Printing, Stationery and Stamps</i> . Suite 10, 23, Central Avenue, Calcutta.
3-3-30	L	<b>Ashton</b> , HUBERT SHORROCK, <i>Merchant</i> . Trueloves, Ingates-tone, Essex, England.
3-9-34	R	<b>Auden</b> , JOHN BICKNELL, M.A. (CANTAB.), F.G.S., <i>Assistant Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
3-11-30	R	<b>Austin</b> , GEORGE JOHN, <i>Sanitary Engineer, Messrs. J. B. Norton &amp; Sons, Ltd.</i> Norton Building, Lalbazar, Calcutta.
4-4-17	N	<b>Awati</b> , P. R., B.A. (CANTAB.), D.I.C., I.E.S., <i>Professor of Zoology</i> . Royal Institute of Science, Mayo Road, Fort, Bombay.
3-3-14	L	* <b>Bacot</b> , J., F.R.A.S.B. Boulevard Saint-Antoine, 61, Versailles, Seine-et-Oise, France.



Date of Election.		
7-9-36	R	Bagchi, KUMAR NATH, RAI BAHADUR, B.S.C., M.B. (CAL.), D.T.M. (CAL. & L'POOL), F.I.C. (LOND.), <i>Chemical Examiner to the Government of Bengal</i> . Medical College, Calcutta.
1-11-26	R	Bagchi, PROBODH CHANDRA, M.A., DR.-ES-LETTRES (PARIS), <i>Member of the A.S. of Paris; Lecturer, Calcutta University</i> . 9, Rustomjee Street, Ballygunge, Calcutta.
1-3-26	R	Bagnall, JOHN FREDERICK, B.S.C., A.M.I.MECH.E., A.M.I.E.E., A.M.INST.C.E., <i>Consulting Engineer, Messrs. Macneill &amp; Co.</i> 2, Fairlie Place, Calcutta.
2-4-24	N	*Bahl, K. N., D.S.C., D.PHIL., F.R.A.S.B., <i>Professor of Zoology, Lucknow University</i> . Badshabagh, Lucknow.
7-3-27	A	Bake, A. A., <i>Doctorandus Or. Lit.</i> P.O. Santiniketan. (c/o The Kern Institute, Leiden, Holland.)
6-2-18	N	Banerjee, NARENDRA NATH, M.I.P.O.E.E., A.M.I.E., <i>Director of Telegraphs, Bombay Circle</i> , Bombay.
5-3-24	R	Banerjee, P. N., M.A. (CANTAB.), A.M.I.E., F.C.U., <i>Civil Engineer</i> . 12, Mission Row, Calcutta.
7-12-36	R	Banerjee, S. M., I.C.S., 18/1, Ballygunge Circular Road, Calcutta.
3-8-31	N	Barua, KANAK LAL, RAI BAHADUR, B.L., F.R.S.E., <i>President, Kamarupa Anusundhan Samiti, late Minister to the Government of Assam</i> . Rosaville, Nangthymai, Shillong, Assam.
3-12-23	R	Barwell, N. F., LT.-COL. (RETD.), M.C., M.A., <i>Bar.-at-Law</i> . First Floor, 6, Middleton Street, Calcutta (and) Aylmerton House, Aylmerton, Norfolk, England.
7-12-36	R	Basu, I. B., M.D., 19, Vivekananda Road, Calcutta.
3-12-24	R	Basu, JATINDRA NATH, M.A., M.L.C., <i>Solicitor</i> . 14, Baloram Ghose Street, Calcutta.
1-3-26	R	Basu, NARENDRA KUMAR, M.L.C., <i>Advocate, High Court</i> . 12, Ashu Biswas Road, Bhawanipore, Calcutta.
2-1-28	R	Basu, NARENDRA MOHAN, M.S.C., <i>Professor of Physiology</i> . 63, Hindusthan Park, Ballygunge, Calcutta.
30-9-35	N	Basu, SATYENDRA KUMAR, M.S.C., <i>Extra Assistant Conservator of Forests</i> . Clover Cot, Darjeeling.
7-7-09	N	Bazaz, RANGNATH KHEMRAJ, <i>Proprietor, Shri Venkateshwar Press</i> . 7th Khetwadi, Bombay No. 4.
7-5-34	R	Bent, WILLIAM ANTONY, <i>Assistant, Messrs. George Henderson &amp; Co., Ltd.</i> 101/1, Clive Street, Calcutta.
4-3-25	R	Benthall, SIR EDWARD C., KT., <i>Merchant</i> . 37, Ballygunge Park, Calcutta.
7-4-09	L	*Bentley, CHARLES A., O.I.E., M.B., D.P.H., D.T.M. & H., F.R.A.S.B., <i>Professor of Hygiene</i> . University of Egypt, Cairo.
6-1-36	N	Berkeley-Hill, OWEN ALFRED ROWLAND, M.A., M.D., B.CH. (OXON.), M.R.C.S. (ENGLAND), D.T.M. (LONDON), LT.-COL., I.M.S. (RETD.), 'Station View', Ranchi, B. & O.
4-6-28	N	Bhadra, SATYENDRA NATH, RAI BAHADUR, M.A., <i>Principal, Jagannath Intermediate College</i> . Nayabazar, Dacca.
1-8-17	R	*Bhandarkar, DEVADATTA RAMKRISHNA, M.A., PH.D., F.R.A.S.B. 2/1, Lovelock Street, Ballygunge, Calcutta.
5-4-26	N	Bhatia, M. B., M.S.C., <i>Lecturer in Zoology</i> . Lucknow University, Lucknow.
1-2-22	N	Bhattacharya, VIDHUSHEKHARA, PANDIT, <i>Principal, Vidyabharana</i> . Visvabharati, Santiniketan, Birbhum.
7-7-24	L	Bhattacharyya, BINOYTOSH, M.A., PH.D., RAJARATNA, <i>General Editor, Gaekwad's Oriental Series, and Librarian, Oriental Collections, Baroda State</i> . Baroda.



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## Alphabetical List of Ordinary Members.

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Date of Election.		
4-6-28	N	Bhattachali, NALINI KANTA, M.A., PH.D., Curator, Dacca Museum. Ramna, Dacca.
6-4-31	R	Bhose, JOTISH CHANDER, M.A., B.L., Advocate, Calcutta High Court. 24A, Ray Bagan Street, Calcutta.
5-2-34	A	Bhuyan, SURYYA KUMAR, RAI BAHADUR, M.A., B.L., A.E.S., Honorary Provincial Director of Historical and Antiquarian Studies, Assam; Professor, Cotton College, Gauhati, Assam.
5-3-28	R	Biswas, CHARU CHANDRA, C.I.E., M.A., B.L., Judge, High Court. 58, Puddopukur Road, P.O. Elgin Road, Calcutta.
1-8-23	L	Biswas, KALIPADA, M.A. D.S.C. (Edin.), Royal Botanic Garden, Sibpur, Howrah.
3-1-27	N	Bivar, HUGH GODFREY STUART, I.C.S., District and Sessions Judge. Murshidabad.
1-2-93	L	*Bodding, REV. P. O., M.A. (CHRIST.), F.R.A.S.B. Gullerasveien 27, Vettakollen, Oslo, Norway.
4-11-35	A	Bor, N. L., M.A., D.S.C., F.L.S., I.F.S. c/o The Conservator of Forests, Shillong, Assam.
7-12-36	N	Bose, A. N., LT.-COL., I.M.S., Medical College, Patna.
6-7-25	R	Bose, MANMATHA MOHAN, M.A., Professor Emeritus, Scottish Church College. 19, Gokul Mitra Lane, Hatkhola, Calcutta.
2-3-31	N	Bose, SUDHANSU KUMAR, B.S.C. (CAL.), A.R.S.M., B.S.C. (MINING) (LONDON), Professor of Mining and Surveying, Indian School of Mines, Dhanbad.
2-11-36	R	Bothra, SUBHKARAN, B.A., Landholder and Student. 3, Vivekananda Road. Calcutta.
4-5-31	A	Bottomley, JOHN MELLOR, B.A. (OXON), I.E.S., Director of Public Instruction, Bengal. 1, Sunny Park, Ballygunge, Calcutta.
5-12-32	N	Boyle, CECIL ALEXANDER, MAJOR, D.S.O., Adviser in Languages and Secretary to the Board of Examiners. Army Headquarters, Simla.
3-12-34	R	Brahmachari, PHANINDRA NATH, M.S.C., M.B. 19, Loudon Street, Calcutta.
1-1-08	L	*Brahmachari, SIR UPENDRA NATH, KT., RAI BAHADUR, M.A., PH.D., M.D., F.S.M.F., F.R.A.S.B. 19, Loudon Street, Calcutta.
7-11-27	R	Brahmachary, SARAT CHANDRA, RAI BAHADUR, M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Pergs.
6-1-36	R	Brocke, ALFRED G., D.S.C. (DOCTOR PHILOSOPHÆ NATURALIS) (JENA), Branch Manager, Pharmaceutical Department, 'Bayer'. 11, Store Road, Ballygunge, Calcutta.
3-7-07	L	*Brown, JOHN COGGIN, O.B.E., D.S.C., F.G.S., M.I.M.E., M.INST.M.M., M.I.E., F.R.A.S.B. c/o Messrs. Grindlay & Co., 54, Parliament Street, Westminster, London, S.W.1.
6-10-09	R	*Brown, PERCY, A.R.C.A., F.R.A.S.B., Curator, Victoria Memorial. Calcutta.
8-1-96	F	*Burn, SIR RICHARD, KT., C.S.I., F.R.A.S.B. 9, Staverton Road, Oxford, England.
3-12-34	N	Burt, SIR BRYCE CHUDLEIGH, KT., C.I.E., M.B.E., B.S.C., I.A.S., Agricultural Expert, Imperial Council of Agricultural Research. 1, York Road, New Delhi.
2-4-13	R	Calder, CHARLES CUMMING, B.S.C., F.L.S., Superintendent, Royal Botanic Garden. Sibpur, Howrah.



Date of Election.		
4-11-29	R	Campbell, SIR GEORGE R., KT., <i>Partner, Messrs. Mackinnon Mackenzie &amp; Co.</i> 16, Strand Road, Calcutta.
3-2-36	R	Catto, SIR THOMAS S., BART., <i>Merchant and Banker, Andrew Yule &amp; Co., Ltd.</i> 8, Clive Row, Calcutta.
1-9-20	R	Chakladar, HARAN CHANDRA, M.A. 28/4, Srimohaa Lane, Kalighat, Calcutta.
7-3-32	R	Chakraborty, KHIRODE BEHARI, <i>Engineer and Manufacturer.</i> 7, Hindusthan Park, P.O. Ballygunge, Calcutta.
4-7-27	R	Chakravarti, CHINTAHARAN, M.A., <i>Lecturer, Bethune College.</i> 28/3, Sahanagar Road, Kalighat, Calcutta.
3-2-30	N	Chakravarti, M. N., M.SC., A.T.S. 'Gitanjali'. 15, Lodge Road, Lahore.
5-6-33	N	Chakravarti, SUSIL KUMAR, M.A., <i>Zemindar.</i> Cooch Behar (Cooch Behar State).
3-1-27	N	Chakravarty, NIRANJANPRASAD, M.A., PH.D. (CANTAB.), <i>Government Epigraphist.</i> Office of the Government Epigraphist, Ootacamund, Nilgiris, S. India.
6-1-30	A	Chakraverti, SHRISH CHANDRA, B.L., <i>Attorney-at-Law, High Court, Calcutta.</i> 2, Marquis Street, Calcutta.
1-9-20	R	*Chanda, RAMAPRASAD, RAI BAHADUR, B.A., F.R.A.S.B. 37/1, Manoharpukur Road, Kalighat, Calcutta.
3-1-06	L	Chapman, JOHN ALEXANDER, <i>Librarian, Rampur State Library.</i> Rampur.
7-5-28	R	Chatterjea, SIR NALINI RANJAN, KT., M.A., B.L., <i>Retired Judge and sometime acting Chief Justice, Calcutta.</i> 91A, Harish Mukerjee Road, Bhawanipore, Calcutta.
7-2-27	R	Chatterjee, ASHOKE, B.A. (CAL.), B.A. (CANTAB.), <i>Editor, 'Welfare'.</i> 91, Upper Circular Road, Calcutta.
27-10-15	F	Chatterjee, SIR ATUL CHANDRA, K.C.I.E., K.C.S.I., <i>Late High Commissioner for India.</i> Withdean, Cavendish Road, Weybridge, Surrey, England.
2-3-36	R	Chatterjee, MANOMOHAN, B.SC. (CAL.), A.R.C.S., D.I.C., PH.D. (LOND.), <i>Professor of Geology, Presidency College.</i> 170/2, Lower Circular Road, P.O. Entally, Calcutta.
1-10-20	R	Chatterjee, NIRMAL CHANDRA. 52, Haris Mukerjee Road, Bhawanipore, Calcutta.
4-7-27	R	Chatterjee, PATITPABON, M.A., B.L., <i>Vakil, High Court.</i> 84, Harrison Road, Calcutta.
3-12-34	R	Chatterjee, SISIR CHANDRA, M.D. (EDIN.), M.R.C.P. (EDIN.), D.P.H. (EDIN.), <i>Chief Medical Officer, E.B. Ry.</i> 3, Koilaghat Street, Calcutta.
5-1-31	R	Chatterji, DURGACHARAN, M.A., <i>Lecturer in Sanskrit, Bethune College.</i> P. 317, Jatin Das Road, Kalighat, Calcutta.
4-6-34	N	Chatterji, BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), <i>Professor of History, Meerut College.</i> Meerut.
7-5-28	R	Chatterji, KEDAR NATH, B.SC. (LONDON), A.E.C.S. (LONDON). 43, Wellesley Street, Calcutta.
7-6-11	R	Chatterji, KARUNA KUMAR, LT.-COL., I.T.F., M.C., V.H.A.S. 6/1, Wood Street, Calcutta.
6-8-24	R	*Chatterji, SUNITI KUMAR, M.A. (CAL.), D.LIT. (LONDON), F.R.A.S.B., <i>Khaira Professor of Linguistics, Calcutta University.</i> 'Sudharma', 16, Hindusthan Park, (off Rasbihari Avenue East End), Ballygunge, Calcutta.
2-3-36	R	Chatterji, MRS. TUHINIKĀ, M.A., KĀVYATIRTHA, <i>Research Scholar, Examiner, Calcutta University.</i> 5, Wood Street, Calcutta.



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## Alphabetical List of Ordinary Members.

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Date of Election.		
5-11-24	R	Chattopadhyay, K. P., M.Sc., <i>Education Officer, Corporation of Calcutta.</i> 55/1, Old Ballygunge 1st Lane, Calcutta.
2-11-25	N	Chattopadhyaya, KSHETRESA CHANDRA, M.A., <i>Lecturer in Sanskrit.</i> Allahabad University, Allahabad.
1-4-14	R	Chaudhuri, GOPAL DAS. 32, Beadon Row, Calcutta.
4-11-35	R	Chaudhuri, SACHINDRA NATH, <i>Barrister-at-Law.</i> 52, Ballygunge Circular Road, Calcutta.
5-12-23	R	Chopra, B. N., D.Sc., F.L.S., <i>Assistant Superintendent, Zoological Survey of India.</i> Indian Museum, Calcutta.
1-2-22	R	*Chopra, R. N., C.I.E., M.A., M.D. (CANTAB.), BREVET-COL., I.M.S., F.R.A.S.B., <i>Professor of Pharmacology.</i> School of Tropical Medicine and Hygiene, Chittaranjan Avenue, Calcutta.
5-12-27	L	Chowdhury, SIR CHHAJURAM, KT., C.I.E., M.L.C. 21, Belvedere Road, Calcutta.
2-4-28	R	Chowdhury, RAI JATINDRANATH, <i>Zemindar.</i> 36, Russa Road, Tollygunge, Calcutta.
3-7-07	L	*Christie, WILLIAM ALEXANDER KYNOCH, B.Sc., PH.D., M.INST.M.M., F.R.A.S.B. <i>Defence Department, Secretariat, Simla.</i>
3-11-09	A	*Christophers, SIR SAMUEL RICKARD, KT., C.I.E., O.B.E., F.R.S., F.R.A.S.B., M.B., LT.-COL., I.M.S. 80, Onslow Gardens, South Kensington, London, S.W. 7.
1-9-15	R	Cleghorn, MAUDE LINA WEST (MISS), F.L.S., F.E.S. 43, Moulahat Road, Calcutta.
2-2-31	R	Clough, JOHN, <i>Barrister-at-Law.</i> 17, Store Road, Ballygunge, Calcutta.
5-5-30	F	Cooper, G. A. P. 29, Eccleston Street, Eaton Square, London, S.W. 1.
6-11-33	R	Coulson, ARTHUR LENNOX, D.Sc. (MELB.), D.I.C., F.G.S. <i>Geological Survey of India,</i> 27, Chowringhee, Calcutta.
4-11-29	L	*Cotter, GERALD DE PURCELL, B.A., sc.D. (DUBLIN), M.INST.M.M., F.G.S., F.R.A.S.B. 'Fallowfield', Manor Road, Penn., Bucks., England.
5-3-34	R	Craddock, SIR WALTER MERRY, KT., D.S.O., COLONEL, M.C., <i>Stock Broker.</i> Bengal Club, Calcutta.
25-8-87	R	Criper, WILLIAM RISDON, F.C.S., F.I.C., A.R.S.M. <i>Konnagar.</i>
2-11-25	A	Crookshank, HENRY, B.A., B.A.I. (DUBLIN), <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
7-12-36	R	Daga, MADANGOPAL, <i>Merchant and Landlord.</i> 374, Upper Chitpore Road, Calcutta.
7-3-32	R	Darbari, M. D., <i>Incorporated Accountant, S.B. Billimoria &amp; Co., Ltd.</i> 100, Clive Street, Calcutta.
4-3-25	R	Das, AJIT NATH, RAI BAHADUR, M.R.A.S., F.Z.S., <i>Zemindar.</i> 24, South Road, Entally, Calcutta.
1-3-26	R	Datta, HIRENDRA NATH, M.A., B.L., <i>Solicitor, High Court.</i> 139, Cornwallis Street, Calcutta.
6-8-24	L	Davies, L. M., LT.-COL., LATE R.A., M.A., F.R.S.E., F.R.A.I., F.G.S. 8, Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	De, J. C., M.B., LT.-COL., I.M.S., <i>Superintendent, Campbell Medical School.</i> 135, Lower Circular Road, Calcutta.
19-9-95	L	De, KIRAN CHANDRA, C.I.E., B.A., I.C.S. (RETD.), <i>Manager, Nawab Bahadur of Murshidabad Estate.</i> Lalbagh, Murshidabad.



Date of Election.		
4-3-25	R	Deb, KSHITINDRA? <i>Rai Mahasai</i> , 21/E, Rani Sankari Lane, Kalighat, Calcutta.
5-12-27	L	Dechhen, H.H. MAHARANI KUNZANG, <i>Maharani of Sikkim</i> . Gangtok, Sikkim.
5-5-30	N	Deo, SIR PRATAP CHANDRA BHANJ, K.C.I.E., <i>Makurajah, Ruler of Mayurbhanj State</i> . P.O. Baripada, Mayurbhanj, B.N.R.
5-11-34	R	Dey, MUKUL, A.R.C.A. (LOND.), M.C.S.E. (U.S.A.), F.R.S.A., etc., <i>Principal, Govt. School of Art; Officer in charge, Art Section; Keeper of Govt. Art Gallery; Trustee, Indian Museum</i> . 28, Chowringhee, Calcutta.
4-5-10	L	Dhavle, THE HON'BLE MR. JUSTICE SHANKAR BALAJI, B.A., I.C.S., <i>Judge, Patna High Court</i> . Patna.
4-8-20	N	* Dikshit, KASHINATH NARAYAN, M.A., F.R.A.S.B. c/o The Office of the Director-General of Archaeology, New Delhi.
5-1-98	R	Dods, WILLIAM KANE, <i>Agent, Hongkong and Shanghai Banking Corporation</i> . 6, Minto Park, Alipur, Calcutta.
2-2-31	A	Douglas, GORDON WATSON, B.SC., D.L.M., <i>State Chemist to the Government of Bhopal</i> . State Laboratory, Bhopal, Central India.
2-7-02	L	Doxey, FREDERICK. 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	Driver, DARAB CURSETJI, M.A. (CANTAB.), <i>Barrister-at-Law, Constituted Attorney to Messrs. Tata &amp; Sons, Ltd., Managing Agents for The Tata Iron &amp; Steel Co., Ltd.</i> 71/73, Park Street, Calcutta.
1-7-29	A	Dunn, JOHN ALEXANDER, D.SC., D.I.C., F.G.S., <i>Assistant Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
6-9-37	R	Durniz-Podewils, COUNT. 34, Park Street, Calcutta.
2-1-33	N	Dutch, ROBERT AUSTEN, B.A. (CANTAB.), I.C.S., <i>District Magistrate</i> . Noakhali.
3-7-33	A	Dutt, GURU SADAY, <i>Barrister-at-Law</i> , I.C.S. 12, Loudon Street, Calcutta.
30-9-35	R	Dutt, MOHENDRA NATH, L.E., <i>Consulting Engineer</i> . 12, Kailas Bose Lane, Howrah.
5-12-32	R	Dutt, NALINAKSHA, M.A., PH.D., D.LITT. (LOND.), <i>Lecturer, Calcutta University</i> . 91-1B, Manicktollah Street, Calcutta.
5-3-28	A	Eberl, OTTO, DR. JUR., <i>Late Vice-Consul for Germany</i> . 2, Store Road, Ballygunge, Calcutta.
4-11-29	R	Edwards, L. BROOKE, <i>Manager in India, The Baldwin Loco. Works of Philadelphia, U.S.A.</i> 5, Dalhousie Square, Calcutta.
5-1-31	L	Evans, PERCY, B.A. (CANTAB.), F.G.S., <i>Geologist</i> . c/o The Burma Oil Co., Digboi, Assam.
6-2-28	L	Ezra, SIR DAVID, KT., F.Z.S., M.B.O.U. 3, Kyd Street, Calcutta.
2-12-29	N	Fawcus, LOUIS REGINA?D, B.A. (CANTAB.), <i>Indian Civil Service, Magistrate and Collector</i> . Dacca.
3-8-04	L	* Fermor, SIR LEWIS LEIGH, KT., O.B.E., M.INST.M.M., D.SC., A.R.S.M., F.G.S., F.R.S., F.R.A.S.B., <i>Director, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
31-10-06	F	Finlow, ROBERT STEEL, C.I.E., B.SC., F.I.C., <i>Late Director of Agriculture, Bengal</i> . c/o Messrs. Grindlay & Co., Ltd., 54, Parliament Street, London, S.W. 1.



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## Alphabetical List of Ordinary Members.

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Date of Election.		
3-2-36	R	Flury, ERNEST CHARLES, <i>Merchant, Manager of Messrs. Volkart Brothers.</i> 11, Clive Street (Post Box No. 606), Calcutta.
5-11-18	R	Fox, CYRIL S., D.SC. (BIRM.), M.I.M.E., F.G.S. Geological Survey of India, 27, Chowringhee, Calcutta.
7-3-27	F	Fukushima, NAOSHIRO. 33, Hikawacho, Akasaka, Tokyo, Japan.
5-11-28	R	Galstaun, JOHN CARAPIET, O.B.E., <i>Merchant and Landholder.</i> 234/4, Lower Circular Road, Calcutta.
1-11-26	R	Galstaun, SHANAZAN, M.A., D.M.R.E., M.R.C.S., L.R.C.P., <i>Medical Practitioner, Radiologist, Medical College Hospital.</i> 39, Theatre Road, Calcutta.
6-10-09	R	*Gangoly, ORDHENDRA COOMAR, B.A., F.R.A.S.B. 2, Asutosh Mukherjee Road, Calcutta.
7-9-36	R	Gangooly, PHANINDRA LAL, M.A., <i>Lecturer in Mathematics, Calcutta University.</i> P-507, Rash Behari Avenue, Calcutta.
5-11-34	R	Gee, EDWARD ROWLAND, M.A. (CANTAB.), F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
2-1-33	R	George, JAMES, B.A. (CANTAB.), I.C.S., <i>Special Officer, Political Department, Govt. of Bengal.</i> United Service Club, Calcutta.
6-2-33	L	Ghatak, JYOTISH CHANDRA, M.A. (TRIPLE), SAHITYA SARASWATI, JYOTISH-SAGARA, <i>Professor.</i> 4, Boloram Bose Ghat Road, Bhawanipore, Calcutta.
7-12-36	N	Ghosal, SARADINDU MOHAN, M.B., M.R.C.P. Prince of Wales' Medical College, Patna.
7-5-28	R	Ghosal, UPENDRA NATH, M.A., PH.D., <i>Professor of History, Presidency College.</i> 12, Badur Bagan Row, Calcutta.
5-4-26	R	Ghose, BIMAL CHANDRA, <i>Barrister-at-Law.</i> 27/1, Harish Mukherjee Road, Calcutta.
1-4-29	R	Ghose, DEB PROSONNO, <i>Zemindar.</i> 75, Beadon Street, Calcutta.
7-1-29	R	Ghose, THE HON'BLE MR. JUSTICE MOHIM CHANDRA, B.A. (CAL.), M.A. (CANTAB.), I.C.S., <i>Barrister-at-Law (Inner Temple), Judge, High Court.</i> 4A, Little Russell Street, Calcutta.
3-12-24	R	Ghose, SUSHIL CHANDRA, B.A., <i>Deputy Magistrate.</i> 1, Sikdarbagan Street, Calcutta.
7-9-36	R	Ghosh, J., M.A., PH.D. (EDIN.) Presidency College, Calcutta.
2-4-24	R	Ghosh, K., D.T.M., D.P.H. (CANTAB.), L.M.S., <i>Medical Practitioner.</i> 45, Creek Row, Calcutta.
7-3-27	R	Ghosh, PHANINDRA NATH, M.A., PH.D., SC.D. (PADUA), F.INST.P., <i>Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta.</i> 92, Upper Circular Road, Calcutta.
4-9-12	R	Ghosh, TARAPADA, <i>Zemindar.</i> 14, Paddapukur Street, Kidderpore, Calcutta.
1-2-26	R	Ghuznavi, SIR ABDUL HALIM, KT., M.L.A., <i>Zemindar.</i> 18, Canal Street, Entally, Calcutta.
6-8-28	R	Ghuznavi, ISKANDER S.K., <i>Zemindar and Member, Advisory Board of Industries, Government of Bengal.</i> 45, Jhowtolla Road, Calcutta (and) Dilduar, Mymensingh.
1-2-26	R	Ghuznavi, ALHADJ SIR ABDELKERIM ABU AHMED KHAN, KT., <i>Zemindar of Dilduar.</i> 45, Jhowtolla Road, Calcutta (and) North House, Dilduar, Mymensingh.



Date of Election.		
7-12-36	R	Gillespie, A. D. 17, Old Court House Street, Calcutta.
5-3-28	R	Gooptu, DWIJENDRA NATH, <i>Medical Practitioner and Landholder</i> . 5, Middleton Street, Calcutta.
7-9-10	N	*Gravelly, FREDERIC HENRY, D.S.C., F.R.A.S.B. Museum House, Egmore, Madras.
5-12-00	L	Grieve, JAMES WYNDHAM ALLEYNE. c/o Messrs. Coutts & Co., 440, Strand, London, W.C. 2.
4-3-35	R	Groth, EDWARD M., <i>American Consul</i> . American Consulate General, 9, Esplanade Mansions, Esplanade, Calcutta.
4-2-25	R	Guha, B. S., M.A., PH.D. (HARVARD). Indian Museum, Calcutta.
5-4-37	R	Gupta, KARUNA KANA (MISS), M.A., <i>Professor of History</i> . Bethune College, Calcutta.
5-3-19	N	Gupta, SIVAPRASAD. Seva Upavana, Benares City.
5-8-15	R	Gurner, CYRIL WALTER, B.A. (OXON), I.C.S., <i>Chairman, Improvement Trust</i> . 4, Theatre Road, Calcutta.
5-2-34	R	Haldar, BHARATI VIKAS, M.A., B.L., <i>Advocate, High Court</i> . 47, Haldarpara Road, Kalighat, Calcutta.
6-1-30	R	Haldar, SUDHINDRA KUMAR, M.A., I.C.S., <i>Commissioner of Excise and Salt, Bengal</i> . 241, Lower Circular Road, Calcutta.
6-1-30	F	Hamilton, SIR DANIEL MACKINNON, KT., <i>Retired Partner, Messrs. Mackinnon Mackenzie &amp; Co.</i> Balmacara, Rosshire, Scotland.
2-4-24	R	Haq, M. MAHFUZ-UL, M.A., <i>Lecturer, Presidency College</i> . 8/B, Dargah Road, Park Circus, Calcutta.
1-5-12	R	Harley, ALEXANDER HAMILTON, M.A., I.E.S., <i>Principal, Islamia College</i> . 19, Wellesley Square, Calcutta.
1-2-26	F	Harris, H. G. c/o Messrs. Martin & Harris, Ltd., Rowlette Buildings, 17, Prinsep Street, Calcutta.
2-4-28	R	Harris, LAWRENCE ERNEST, <i>Engineer, Manager for India, Messrs. Sulzer Brothers</i> . 4, Lyons Range, Calcutta.
5-11-19	N	Hemraj, MANYABARA RAJ GURU, C.I.E., PANDITJI. Dhokatole, Nepal.
6-8-28	R	*Heron, A. M., D.S.C. (EDIN.), F.G.S., F.R.G.S., F.R.S.E., F.R.A.S.B., <i>Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
7-6-11	L	*Hidayat Hosain, MUHAMMAD, SHAMS 'UL-ULAMA, KHAN BAHADUR, PH.D., F.R.A.S.B. 96/3, Collin Street, Calcutta.
1-2-26	A	Hingston, H., LT.-COL., I.M.S., M.D., <i>Late Surgeon to H.E. the Governor of Bengal</i> . England.
4-11-35	R	Hirtzel, MICHAEL ARTHUR FREDERICK, B.A. (TRINITY COLLEGE, OXFORD), <i>Mercantile Assistant, Macneill &amp; Co.</i> 2, Fairlie Place, Calcutta.
1-4-25	R	Hobbs, HENRY, MAJOR, V.D., <i>Merchant</i> . 9, Old Court House Street, Calcutta.
1-2-32	R	Holmè, JAMES WILLIAM, M.A., I.E.S. (RETD.), <i>Principal, La Martinière</i> . 11, Loudon Street, Calcutta.
7-3-27	N	Hopkinson, ARTHUR JOHN, I.C.S., <i>Secretary to the Government, N.-W.F. Province</i> . Peshawar, N.-W.F.P.
2-11-21	L	*Hora, SUNDER LAL, D.S.C., F.Z.S., F.R.S.E., F.R.A.S.B. Zoological Survey of India, Indian Museum, Calcutta.
5-11-34	R	Hosain, PRINCE AFSARUL MULUK MIRZA MUHAMMED AKRAM, BAHADUR, <i>Political Pensioner and Landholder</i> . Afsar Manzil, 20, Ballygunge Circular Road, Calcutta.



Date of Election.		
6-6-23	L	*Howard, SIR ALBERT, KT., C.I.E., M.A., F.R.A.S.B., <i>Late Director, Institute of Plant Industry, Indore, and Late Agricultural Adviser to States in Central India.</i> 14, Liskeard Gardens, Blackheath, London, S.E. 3.
2-9-35	N	Howland, FELIX, <i>Professor of English.</i> Habibia College, Kabul, Afghanistan.
7-3-32	N	Hughes, ARTHUR, B.A. (MANCHESTER), <i>Indian Civil Service, Magistrate and Collector,</i> Murshidabad, Bengal.
4-5-36	N	Husain, SAED ASAF, M.A., LL.B., <i>Lawyer.</i> 3, Old Court Road, Lucknow.
6-8-34	N	Husain, SYED ATA, M.A. (CAL.), C.E. (ROORKEE), <i>Retired Superintending Engineer, Hyderabad State.</i> Mohalla Lingumpally, Hyderabad, Deccan.
6-6-23	F	*Hutton, J. H., C.I.E., I.C.S., M.A., D.SC., F.R.A.S.B., <i>University Museum of Archaeology and Ethnology, Downing Street, Cambridge, England.</i>
1-2-11	L	Insch, JAMES. 18, Beechwood Avenue, Boscombe, Hants, England.
4-3-35	R	Jack, THE HON'BLE MR. JUSTICE ROBERT ERNEST, I.C.S., <i>Judge, High Court.</i> United Service Club, Calcutta.
6-6-27	L	Jain, BALDEODAS, <i>Merchant and Banker.</i> 21, Armenian Street, Calcutta.
2-2-21	R	Jain, CHHOTÉ LAL, M.R.A.S. 25, Central Avenue North, Calcutta.
6-1-30	N	Jain, NIRMAL KUMAR. Devashrama, Arrah.
6-8-28	N	Jaitly, P. L., <i>Electrical Engineer, Merchant.</i> 15, Canning Road, Allahabad.
1-11-26	F	Jameson, THOMAS BLANDFORD, MAJOR, M.C., M.A. (CANTAB.), I.C.S. Claremont, Kingskerswell, S. Devon, England.
6-5-25	R	Jatia, SIR ONKAR MULL, KT., O.B.E., <i>Merchant.</i> 2, Rupchand Roy Street, Calcutta.
4-2-29	R	Jenkins, WALTER ALLEN, D.SC. (SHEFFIELD), I.E.S., <i>Principal, David Hare Training College.</i> United Service Club, Calcutta.
1-11-11	L	Kamaluddin AHMAD, SHAMS-UL-'ULAMĀ, M.A., I.E.S., <i>Principal, Krishnagar College.</i> Krishnagar, Nadia.
6-11-33	R	Kavyatirtha, RAM DHAN, <i>Pundit.</i> 55, Surendranath Banerjee Road, Calcutta.
4-5-10	L	*Kemp, STANLEY W., B.A., D.SC., F.R.S., F.R.A.S.B. 'Discovery Expedition', 52, Queen Anne Chambers, Dean Farrar Street, London, S.W. 1.
2-5-30	A	Kenny, DIK EDWARD COURTENAY, LT.-COL., I.A., <i>Deputy Commissioner, Tavoy.</i> Burma.
3-12-24	R	Khan, REZAUR RAHMAN, M.A., B.L., <i>Deputy President, Bengal Legislative Council.</i> 28, Convent Road, Entally, Calcutta.
6-5-25	R	Khanna, VINAYEK LAL, M.B.A.S., <i>Merchant.</i> 137F, Balaram Dey Street, Beadon Street P.O., Calcutta.
2-8-26	R	Khettry, BENIMADHO, <i>Proprietor, Messrs. Gouri Shanker Khettry, Landholders, Bankers and Merchants.</i> 15, Paggiyapatti, Barabazar, Calcutta.
2-11-25	F	Kimura, R. (Ko-Shi), <i>Principal, College Department of Rissho University.</i> Osaki Machi, Tokyo, Japan.
5-2-34	N	Kirby, WALTER, BSC., <i>Inspector of Mines in India.</i> Dhanbad, E.I.R.



Date of Election.		
4-11-35	R	Klebe, ANINA, née BRANDT, PH.D. (GREIFSWALD, GER. MANY), <i>Psychologist</i> . 14/1, Sudder Street, Calcutta.
1-3-26	R	Kramrisch, STELLA (MRS.), PH.D., <i>Lecturer in Ancient Indian History (Fine Arts)</i> , Calcutta University. 57, Ballygunge Circular Road, Calcutta.
3-9-34	R	Krishnan, K. S., D.SC., <i>Mahendralal Sircar Professor of Physics, Indian Association for the Cultivation of Science</i> . 210, Bowbazar Street, Calcutta.
6-11-33	A	Krishnan, M. S., M.A. (MADRAS), PH.D. (LOND.), A.R.C.S., D.I.C. (LOND.), <i>Assistant Superintendent, Geological Survey of India</i> . 27, Chowringhee, Calcutta.
2-4-28	R	Kumar, KUMAR KRISHNA, M.A., B.L., <i>Zemindar and Banker</i> . 31 & 31-1, Burtolla Street, Calcutta.
7-3-23	R	Labey, GEORGE THOMAS, M.C., <i>Bengal Pilot Service</i> . United Service Club, Calcutta.
4-2-35	R	Lal, RAM BIHARI, M.B., B.S., D.P.H., D.T.M. & H., D.B., <i>Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health</i> . 21, Chittaranjan Avenue, Calcutta.
6-3-89	L	*La Touche, THOMAS HENRY DIGGES, M.A., F.G.S., F.R.A.S.B. 230, Hills Road, Cambridge, England.
5-2-34	R	Law, BHABANI CHURN, <i>Merchant, Zemindar and Artist</i> . 223, Cornwallis Street, Calcutta.
5-8-14	L	Law, BIMALA CHARAN, M.A., B.L., PH.D., F.R.HIST.S. 43, Kailas Bose Street, Calcutta.
1-2-11	R	*Law, NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96, Amherst Street, Calcutta.
4-2-35	R	Law, PARBUTTY CHURN. 223, Cornwallis Street, Calcutta.
1-7-14	R	Law, SATYA CHURN, M.A., B.L., PH.D., F.Z.S., M.B.O.U. 50, Kailas Bose Street, Calcutta.
7-6-26	R	Lemmon, RICHARD DENNIS, <i>Merchant</i> . c/o Messrs. Martin & Harris Ltd., 17, Prinsep Street, Calcutta.
1-6-31	R	Lort-Williams, THE HON'BLE MR. JUSTICE JOHN, K.C., <i>Barrister-at-Law, Judge, High Court</i> . 227/1, Lower Circular Road, Calcutta.
5-7-26	A	Lyne, HOWARD WILLIAM, I.C.S. Khulna, E.B.R.
2-8-05	L	*McCay, DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Cradock, Cape Province, S. Africa.
1-3-26	R	McKay, JOHN WALLACE. c/o Messrs. Duncan Bros. & Co., Ltd., 101, Clive Street, Calcutta.
11-1-93	L	*MacLagan, SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B. 39, Egerton Terrace, London, S.W. 3.
5-3-24	R	McPherson, JAMES. c/o Messrs. Begg Dunlop & Co., Ltd., 2, Hare Street, Calcutta.
7-6-16	N	Mahajan, SURYA PRASAD. Murarpur, Gaya.
3-3-20	R	Mahalanobis, P. C., M.A., B.SC., I.E.S., <i>Professor, Presidency College</i> . 210, Cornwallis Street, Calcutta.
1-3-11	R	Mahtab, SIR BIJAY CHAND, K.C.S.I., K.C.I.E., I.O.M., MAHARAJADHIRAJA BAHADUR OF BURDWAN. 2, Judges Court Road, Alipur, Calcutta.
3-2-30	N	Mahtab, UDAY CHAND, B.A., <i>Maharaj Kumar of Burdwan</i> . The Palace, Burdwan.
6-2-24	R	Mahindra, K. C., B.A. (CANTAB.). Messrs. Martin & Co., 12, Mission Row, Calcutta.



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## Alphabetical List of Ordinary Members.

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Date of Election.		
9-6-20	R	*Majumdar, NANI GOPAL, M.A., F.R.A.S.B. Archæological Survey of India, Indian Museum, Calcutta.
2-2-16	R	Majumdar, NARENDRA KUMAR, M.A., Professor, Calcutta University. 3, Government Place, West, Calcutta.
4-6-13	N	Majumdar, RAMESH CHANDRA, M.A., PH.D., Professor, Dacca University. Ramna, Dacca.
5-5-30	A	Mallam, G. L., CAPTAIN, I.A., Census Superintendent. Peshawar, N.-W.F.P.
4-11-29	R	Mallya, BANWAL GANAPATHY, MAJOR, I.M.S., F.R.C.S.E. Civil Surgeon. Howrah.
7-9-36	N	Mandhata, H. C., M.A. (ALLAHABAD), Teacher, formerly Lecturer in History, Agra College. Ghaziabad, Meerut.
6-2-18	L	*Manen, JOHAN VAN, C.I.E., Officier de l'Instruction Publique, F.R.A.S.B. 6, Temple Chambers, 6, Old Post Office Street, Calcutta.
5-6-01	F	Mann, HAROLD HART, D.SC., M.SC., F.I.C., F.L.S. Woburn Experimental Station, Aspley Guise, Bedfordshire, England.
6-1-30	N	Martin, M. F. C., CAPT., R.E. c/o The Garrison Engineer, Mingladon, Burma.
5-5-30	A	Matthias, OWEN GARDINER, Managing Director, Messrs. Smith Stanistreet & Co., Ltd. Stanistreet House, 18, Convent Road, Entally, Calcutta.
2-1-28	N	Mello, FROILANO DE, COLONEL, Director-General of Medical Services in Portuguese India, Professor of Parasitology. Nova Gôa.
5-11-84	L	*Middlemiss, CHARLES STEWART, C.I.E., F.R.S., B.A., F.G.S., F.R.A.S.B. Aviemore, Crowborough, Sussex, England.
1-2-26	N	*Mills, JAMES PHILIP, I.C.S., M.A. (OXON), J.P., F.R.A.S.B., Deputy Commissioner. Kohima, Naga Hills, Assam.
5-6-12	N	Misra, CHAMPA RAM, B.A., RAI BAHADUR, PANDIT, Diwan, Chhatarpur State. Bundelkhand, C.I.
2-4-24	R	Mitra, J. C., M.A., B.L., Retired Accountant-General, Bengal. 1, Abinash Mitter Lane, Calcutta.
5-3-24	R	Mitter, THE HON'BLE SIR B. L., K.C.S.I., M.A., B.L., Barrister-at-Law, Member, Bengal Executive Council. 5, Outram Street, Calcutta.
5-4-26	R	Mitter, KHAGENDRA NATH, RAI BAHADUR, M.A., Professor, Presidency College (Retired). 72/1, Bondel Road, Ballygunge, Calcutta.
30-9-35	R	Mitter, SUDHIR CHUNDER, Barrister-at-Law. 19, Camac Street, Calcutta.
7-12-36	R	Mittra, S. C. 34, Shampukur Street, Calcutta.
1-11-26	R	Modi, JAL R. K., B.A. 4, Camac Street, Calcutta.
5-3-34	R	Modi, JEHANGIR JEEVANJI JAMSHEDJI, Merchant. 5, Dhurruntollah Street, Calcutta.
7-12-36	R	Mookerjee, B. G. Bakulia House, Kidderpore, Calcutta.
5-11-24	R	Mookerjee, B. N., B.A. (CANTAB.), Engineer. 12, Mission Row, Calcutta.
2-7-24	R	Mookerjee, SYAMAPRASAD, M.A., B.L., D.LITT., Vakil, High Court, Vice-Chancellor, Calcutta University. 77, Asutosh Mookerjee Road, Calcutta.
5-4-37	N	Mooney, H. F., Forest Adviser. Shambalpur.
2-2-21	R	Mukerjee, SUBODH CHANDRA, SHASTRI, M.A., DOCTEUR-ES-LETTRES (PARIS). 3/1A, Raja Rajabullav Street, Calcutta.
5-12-27	R	Mukerjee, SUSIL KUMAR, F.R.C.S. (EDIN.), D.O. (OXON), D.O.M.S. (LOND.), Ophthalmic Surgeon, Carmichael Medical College Hospitals. 1/1, Wood Street, Calcutta.



Date of Election.		
6-2-28	R	Mukerji, THE HON'BLE MR. JUSTICE MANMATHA NATH, K.T., M.A., B.L., <i>Judge, High Court.</i> 8/1, Harsi Street, Calcutta.
3-3-30	N	Mukharji, ISAN CHANDRA, <i>Rai Bahadur, Tazimi Sardar and Retired Member of Jaipur Council.</i> Jaipur, Rajputana.
7-11-27	N	Mukherjee, DEVAPROSANNA, M.A., B.L., <i>Zemindar.</i> Burdwan.
2-8-26	R	*Mukherjee, JNANENDRA NATH, D.SC. (LONDON), F.C.S. (LONDON), F.R.A.S.B., <i>Fellow of the Indian Chemical Society; Khaira Professor of Chemistry, University of Calcutta.</i> 92, Upper Circular Road, Calcutta.
5-7-37	R	Mukherjee, PANNALAL, RAI BAHADUR. Uttarpara, Hooghly.
5-7-26	R	Mukhopadhyaya, PRABHAT KUMAR, M.A., <i>Research Assistant, Calcutta University.</i> 27, Govinda Ghosal Lane, Bhawanipore, Calcutta.
2-2-21	R	Mukhopadhyaya, RAMAPRASAD, M.A., B.L. 77, Asutosh Mookerjee Road North, Bhawanipore, Calcutta.
2-4-28	R	Mullick, KARTICK CHURN. KUMAR, <i>Director, Raja D. N. Mullick &amp; Sons, Ltd.</i> Colootola Rajbati, Chittaranjan Avenue, Calcutta.
6-8-34	R	Mullick, MANICK LALL, <i>Landholder; Honorary Magistrate, Sealdah.</i> 123, Grey Street, Calcutta.
4-3-29	R	Mullick, PRAMATHA NATH, RAI BAHADUR, <i>Zemindar and Landholder.</i> 129, Cornwallis Street, Calcutta.
7-5-28	N	Murray, EUGENE FLORIAN OLIPHANT, A.I.M.M., F.G.S., <i>Mining Geologist and Engineer.</i> Tatanagar, B.N.Ry.
5-12-27	L	Namgyal, H.H. MAHARAJA SIR TASHI, K.C.I.E., <i>Maharaja of Sikkim.</i> Gangtok, Sikkim.
6-6-27	N	Nandi, MAHARAJA SRIS CHANDRA, M.A., M.L.C., <i>Zemindar.</i> Kasimbazar Rajbari, Kasimbazar, Murshidabad.
4-2-29	N	Narain, HIRDE, M.A., B.T., <i>Professor of History, Morris College.</i> Nagpur, C.P.
5-2-34	N	Nariman, RUSTOM, K., M.I.C.E., A.C.H., F.R.G.S. ( <i>Retired Superintending Engineer, Punjab Irrigation</i> ), <i>Professor of Engineering, Osmania University.</i> 'Gulistan', Sappers Lines, Secunderabad, Deccan.
5-3-28	R	Neogi, PANCHANAN, M.A., PH.D., I.E.S., <i>Professor of Chemistry, Presidency College.</i> 21, Kundu Lane, Belgachia, Calcutta.
3-11-30	A	Newman, CARL DAMIEN, M.B.B.S., D.T.M. & H., <i>District Medical Officer, E.B.Ry.</i> 2, Belvedere Park, Alipur, Calcutta.
3-12-24	N	Newman, CHAS. F., F.R.G.S., M.R.S.T., M.C.P. Ramnagar, Benares.
7-4-15	F	Ohtani, COUNT KOZUI. San-ya-so, Edomachi, Fushimi, Kyoto, Japan.
5-11-28	R	Olpadvala, E. S. 52, Chowringhee, Calcutta.
5-2-34	R	Pasricha, CHIRANJI LAL, M.A., M.B., B.CHIR. (CANTAB.), M.R.C.S. (ENG.), L.R.C.P. (LOND.), MAJOR, I.M.S., <i>Professor of Pathology, Bacteriology and Helminthology, School of Tropical Medicine.</i> 11, Rowland Road, Calcutta.
6-5-29	F	Pawsey, C. R., <i>Indian Civil Service.</i> c/o The Lloyds Bank, 6, Pall Mall, London, S.W. 1.



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## Alphabetical List of Ordinary Members.

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Date of Election.		
6-6-88	L	Pennell, AUBRAY PERCIVAL, B.A., <i>Barrister-at-Law</i> . Lamb's Building, Temple, London, E.C. 4.
5-2-34	N	Percival, FREDERICK GEORGE, PH.D. (LOND.), F.G.S., <i>General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co.</i> Jamshedpur.
1-4-25	R	Perier, FERDINAND, S.J., <i>Most Reverend the Archbishop of Calcutta</i> . 32, Park Street, Calcutta.
3-2-30	A	Pettigrew, REV. WILLIAM, <i>Missionary</i> . American Baptist Foreign Mission Society, P.O. Kangpokpi, Manipur, Assam.
3-4-18	L	*Prashad, BAINI, D.SC., F.Z.S., F.R.S.E., F.R.A.S.B., <i>Director, Zoological Survey of India</i> . Indian Museum, Calcutta.
3-8-25	N	Pruthi, HEM SINGH, M.SC. (PUNJAB), PH.D. (LONDON), <i>Imperial Entomologist, Imperial Institute of Agricultural Research</i> . Pusa, Darbhanga.
3-12-24	R	Pushong, E. S., M.D., L.S.A., <i>Medical Practitioner</i> . 1, Chapel Road, Hastings, Calcutta.
3-11-30	R	Rahman, SHAH KALIMUR, M.A., <i>Lecturer in Arabic and Persian, Calcutta University</i> . 51, Baitakhana Road, Calcutta.
7-9-36	N	Ram, DAULAT, <i>Accountant, Military Secretary's Office</i> . c/o Messrs. Biru Mal Chiranji Lal, Chhatta Magni Ram, Patiala.
6-4-36	R	Rankin, EVERETT H., M.B., <i>Assistant General Manager for India, The Standard Vacuum Oil Co.</i> 6, Durgapore Park, Alipore, Calcutta.
6-8-34	R	Rao, U. SHANKER, <i>Bengal Pilot Service</i> . 83, Chowringhee, Calcutta.
1-2-26	N	Rao, Y. RAMACHANDRA, RAO SAHIB, M.A., F.E.S., <i>Locust Research Entomologist</i> . McLeod Road, Karachi.
2-7-24	N	Ray, ABINASH CHANDRA, B.A. R.M.H.E. School, P.O. Baidyabati.
7-9-21	R	Ray, HEM CHANDRA, M.A., PH.D. (LONDON). P.39A, Manicktollah Spur, Calcutta.
5-1-21	N	Ray, JAGADISNATH, MAHARAJA, <i>Maharaja of Dinajpore</i> . Dinajpore.
5-3-90	R	*Ray, SIR PROFULLA CHANDRA, KT., C.I.E., D.SC., F.R.A.S.B. University College of Science, 92, Upper Circular Road, Calcutta.
5-11-28	L	Reinhart, WERNER, <i>Merchant</i> . c/o Messrs. Volkart Bros., Rychenberg, Winterthur, Switzerland.
2-4-24	F	Richards, F. J., I.C.S. 6, Lexham Gardens, London, W. 8.
5-2-34	R	Richter, HERBERT, DR. JUR., <i>Vice-Consul for Germany</i> . 26, Lee Road, Calcutta.
1-4-29	N	Rizvi, SYED HAMID HUSAIN, <i>Excise Sub-Inspector</i> . Mohalla Sanechri, Near Musjid of Munshi Sk. Ghassu, Saugor, C.P.
3-12-24	L	Roerich, GEORGE NICHOLAS, M.A., M.R.A.S., <i>Orientalist</i> . 310, Riverside Drive, New York, U.S.A. ('Urusvati' Naggur, Kulu, Punjab).
2-7-28	L	Roerich, NICHOLAS, <i>Professor, Honorary President, Master Institute of United Arts, New York, U.S.A., Artist-Painter</i> . 310, Riverside Drive, New York, U.S.A.
4-12-01	F	*Ross, SIR EDWARD DENISON, KT., C.I.E., PH.D., F.R.A.S.B., <i>Director, School of Oriental Studies</i> . Finsbury Circus, London, E.C. 2.



Date of Election.		
5-6-33	R	Rossetti, FELIX FRANCIS LEO, <i>Secretary, Y.M.C.A.</i> 42, Corporation Street, Calcutta.
6-12-26	R	Roy, A. K., <i>Barrister-at-Law, Advocate-General, Bengal.</i> 3, Upper Wood Street, P.O. Theatre Road, Calcutta.
5-4-37	N	Roy, DAVID, <i>Assam Civil Service.</i> Shillong.
1-12-30	N	Roy, KUMAR KAMALRANJAN, B.A., <i>Zemindar.</i> Kashim bazar Post, Dt. Murshidabad.
4-3-35	R	Roy, SAILESWAR SINGH, <i>Landholder.</i> 15, Lansdowne Road, Calcutta.
6-8-24	N	Roy-Chowdhury, BRAJENDRA KISHORE, <i>Zemindar.</i> (53, Sukea Street, Calcutta.) Gauripur, Mymensingh.
7-5-28	N	*Saha, MEGH NAD, D.SC., F.R.S., F.R.A.S.B., <i>Professor of Physics, University of Allahabad.</i> Katra, Allahabad.
5-11-24	N	*Sahni, B., M.A., SC.D. (CANTAB.), D.SC., F.G.S., F.R.A.S.B., <i>Professor of Botany.</i> The University, Lucknow.
5-4-37	R	Sahni, M. R. Geological Survey of India, 27, Chowringhee, Calcutta.
5-2-34	L	Sale, HAROLD MONTAGUF, M.A., F.G.S. Mancatter Cottage, Atherstone, Warwickshire, England.
3-12-24	R	Sarkar, C. K., C.E., <i>Engineer and Architect.</i> 10, Hastings Street, Calcutta.
4-2-35	R	Sarkar, NALINI RANJAN. Hindusthan Buildings, Corporation Street, Calcutta.
5-4-37	R	Sattar, The Hon'ble Mr. A. R. H. A., <i>Member, Council of State.</i> 32, Ezra Street, Calcutta.
4-2-35	N	Sayeeduddin, MOHAMMED, B.SC., M.A. (EDIN.), F.R.M.S., F.F.S.C., <i>Professor of Botany, Osmania University.</i> Hyderabad, Deccan.
6-3-33	R	Seal, SATIS CHANDRA, M.A., B.L., <i>Honorary Secretary, Indian Research Institute.</i> 55, Upper Chitpore Road, Calcutta.
5-2-34	A	Selzam, EDWART VON, <i>German Diplomatic Service, Consulate-General for Germany.</i> 26, Lee Road, Calcutta.
1-4-25	R	Sen, BENOY CHANDRA, M.A. 'Rupeswar', Diamond Harbour Road, Behala.
7-12-36	R	Sen, DHIRENDRA NATH, <i>Merchant and Landlord.</i> 7, Rawdon Street, Calcutta.
3-12-24	N	Sen, H. K., M.A., D.SC. (LONDON), D.I.C. Indian Lac Research Institute, Ranchi.
1-6-36	R	Sen, JITENDRO MOHAN. M.ED., B.SC., F.R.G.S., F.N.I., <i>Assistant Director of Public Instruction, Bengal.</i> 63, Lansdowne Road, Calcutta.
5-4-37	N	Sen, K. M., VISVABHARATI, Shantiniketan, Dist. Birbhum.
5-12-23	L	Sen, LAKSHMAN, H.H. RAJA OF SUKET. Suket State, Punjab.
1-4-29	R	Sen-Gupta, NARES CHANDRA, M.A., D.L., <i>Advocate, High Court.</i> 36, Girish Mukherjee Road, Bhawanipore, Calcutta.
5-4-26	R	Senior-White, RONALD, F.E.S., F.R.S.T.M. & H., <i>Malariaologist.</i> 5, Godfrey Mansions, Garden Reach, Calcutta.
1-12-97	R	Seth, MESROVB JACOB, M.R.A.S., M.S.A., F.R.S.A., <i>Examiner in Classical Armenian to the Calcutta University.</i> 9, Marsden Street, Upper Flat, Calcutta.
5-7-11	L	*Sewell, ROBERT BERESFORD SEYMOUR, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.R.A.S.B., LT.-COL., I.M.S., <i>Late Director, Zoological Survey of India.</i> 18, Barrow Road, Cambridge, England.



Date of Election.		
5-1-37	N	Sharaf-ud-din, S. Chittagong College, Chittagong.
2-11-25	A	Sharif, MOHAMMAD, D.SC., F.R.M.S., F.L.S., <i>Lecturer in Zoology.</i> Muslim University, Aligarh.
6-5-29	N	Sharma, SRI RAM, M.A., M.F.A.S., M.A.O.S., <i>Professor of History.</i> D.A.V. College, Lahore.
5-8-35	N	Shattock, JOHN SWITHIN HARVEY, B.A. (OXON), I.C.S., <i>Defence Department,</i> New Delhi.
2-5-23	N	Shebbeare, E. O., <i>Conservator of Forests.</i> Darjeeling.
6-1-09	N	Shirreff, ALEXANDER GRIERSON, B.A., I.C.S. <i>Commissioner,</i> Gorakhpur. U.P.
6-3-01	N	*Shirwani, NAWAB HABIB-UR-RAHMAN, F.R.A.S.B., <i>Rais,</i> Bhikanpur. Habibganj, District Aligarh.
4-1-26	N	Shortt, H. E., LT.-COL., I.M.S., <i>Director,</i> King's Institute, Guindy. Madras.
6-2-28	L	Shumser JUNG BAHADUR RANA, SIR KAISER, K.B.E., SUPRADIPTA MANYAVARA, <i>LIEUT.-GENERAL,</i> Nepalese Army. Kaiser Mahal, Kathmandu, Nepal.
5-2-02	N	Shyam Lal, LALA, M.A., LL.B. Nawabganj, Cawnpore, U.P.
4-11-29	R	Siddiqi, MOHAMMAD ZUBAYR, M.A., PH.D., <i>Sir Asutosh Professor of Islamic Culture,</i> Calcutta University. P. 274, Bright Street, Park Circus, Calcutta.
5-3-13	L	*Simonsen, JOHN LIONEL, D.SC., F.I.C., F.R.A.S.B. University College of North Wales, Bangor, North Wales.
6-2-18	N	Singh, MANYABARA BADA KAJI MARI CHI MAN, PANDITJI, C.I.E. 38, Khichapokhari, Kathmandu, Nepal.
4-11-29	A	Singh, JAIPAL, M.A. ( <i>Modern Greats</i> ), St. John's College, Oxford University. Achimota College, Accra, West Africa.
5-3-34	L	Singh, HIS HIGHNESS THE HON'BLE MAHARAJADHIRAJA SIR KAMESWAR, K.C.I.E. Darbhanga.
2-1-33	N	Singh, RUDRA PERTAB, RAO BAHADUR, <i>Proprietor,</i> Sonbarsa Raj. Sonbarsa P.O., District Bhagalpore.
4-2-35	N	Singh, SARABJIT, M.A., B.L. P.O. Imphal, Manipur State.
3-6-35	R	Singhania, RAGHUNATH PRASAD, VIDYABHUSAN-VISARAD, <i>Secretary, Rajasthan Research Society.</i> 27, Baranoshi Ghose Street, Simla, Calcutta.
7-9-36	R	Singh Roy, THE HON'BLE SIR BIJAY PRASAD, KT., <i>Minister, Government of Bengal.</i> 15, Lansdowne Road, Calcutta.
5-9-12	R	Singhi, BAHADUR SINGH. (Azimganj, Murshidabad.) 48, Gariahat Road, Calcutta.
7-8-33	N	Sinh, RAGHUBIR, RAJKUMAR, M.A., LL.B., <i>Heir-Apparent of Sitamau State.</i> Raghbir Niwas, Sitamau, C.I.
7-9-36	N	Sinha, JADUNATH, M.A., PH.D., <i>Premchand Roychand Scholar, Professor of Philosophy,</i> Meerut College. Meerut, U.P.
7-5-28	F	Sinha, LORD, OF RAIPUR. Queen Anne Mansions, -St. James' Park, London.
6-6-27	N	Sinha, SHEONANDAN PRASAD, M.B., <i>Assistant Surgeon.</i> Government Hospital, Jamshedpur.
6-2-28	R	Sinha, SUHRID CHANDRA, KUMAR, M.SC. 18, Ananda Lane, P.O. Shambazar, Calcutta.
4-1-26	N	Sinton, J. A., O.B.E., LT.-COL., I.M.S., V.C., <i>Officer-in-Charge,</i> Malaria Bureau. Central Research Institute, Kasauli.
5-7-16	L	Sircar, GANAPATI, VIDYARATNA. 69, Beliaghata Main Road, Calcutta.



Date of Election.		
5-3-24	N	Sircar, THE HON <sup>BLE</sup> SIR NRIPENDRA NATH, K.C.S.I., KT., M.A., B.L., <i>Barrister-at-Law, Law Member, H.E. The Viceroy's Executive Council.</i> New Delhi.
5-3-24	R	Sircar, SIR NIL RATAN, KT., M.A., M.D., <i>Physician.</i> 7, Short Street, Calcutta.
5-8-29	R	Sommerfeld, ALFRED, <i>Merchant.</i> c/o Mousell & Co., Mercantile Buildings, Lall Bazar, Calcutta.
3-9-34	R	Sondhi, VED PALL, M.SC., F.G.S., <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
7-3-27	R	Stagg, M., LT.-COL., R.E., O.B.E., <i>Master, H.M.'s Mint.</i> 47, Strand Road, Calcutta.
7-3-23	F	Stamp, L. DUDLEY, B.A., D.SC. <i>University of London, London School of Economics, Houghton Street, London, W.C. 2.</i>
4-1-26	N	Stapleton, GRACE (MISS), M.D., B.S. (LONDON). <i>Dufferin Hospital, Delhi.</i>
28-9-04	L	*Stapleton, HENRY ERNEST, M.A., B.SC., D.LITT., F.R.A.S.B., <i>Late Director of Public Instruction, Bengal.</i> St. Brelade, Jersey, C.I, England.
5-11-28	N	Statham, R. M., C.I.E., B.A., I.E.S., <i>Director of Public Instruction.</i> Madras.
6-5-25	R	Staub, MAX, <i>Consul for Switzerland.</i> 100, Clive Street, Calcutta.
1-11-22	A	Strickland-Anderson (Mrs.). 1. Alipur Park, Calcutta.
5-4-37	R	Sufi, M. E. L.R.C.P.E., D.P.H., S/A/1, Elliott Lane, Calcutta.
2-6-20	R	Suhrawardy, SIR HASSAN, O.B.E., LT.-COL., KT., M.D., F.R.C.S.I., D.P.H., <i>Chief Medical Officer, E.B. Ry., late Vice-Chancellor, Calcutta University.</i> 3, Suhrawardy Avenue, Park Circus, Calcutta.
3-3-20	N	Sundararaj, BUNGURU, M.A., PH.D., <i>Director of Fisheries.</i> Chepauk, Madras.
7-11-32	L	Suvarna, SHUMSER JUNG BAHADUR RANA, <i>Major-General in the Nepalese Army.</i> Singha Darbar, Kathmandu, Nepal.
6-4-98	R	Tagore, SIR PRADYOT COOMAR, KT., MAHARAJA BAHADUR. "Tagore Castle", 12, Prasanna Coomar Tagore Street, Calcutta.
7-11-27	R	Tarkatirtha, BIMALANANDA, <i>Kaviraj, Punditbhusan, Byakaranatirtha.</i> 90/3, Grey Street, Calcutta.
31-8-93	L	Tate, GEORGE PASSMAN. 56, Cantonment, Bareilly, U.P.
2-12-29	A	Thomas, H. W., F.C.S., M.P.S., <i>Senior Partner and Chairman of the Managing Directors, Messrs. Smith Stanistreet &amp; Co. Stanistreet House, 18, Convent Road, Entally, Calcutta.</i>
1-6-04	L	*Tipper, GEORGE HOWLETT, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
7-5-28	F	Tucci, GIUSEPPE, PH.D., <i>Late Professor of Religions and Philosophy of India and the Far East, University of Rome; Professor of Chinese, University of Naples.</i> Naples, Italy.
5-7-26	A	Tyson, JOHN DAWSON, C.B.E., M.A. (OXON), I.C.S., J.P., <i>Late Private Secretary to H.E. the Governor of Bengal.</i> Government House, Calcutta.
3-9-34	R	Ulser, M. E. M. M., <i>Consul-General for Belgium.</i> 9, Pretoria Street, Calcutta.



1958]

## Alphabetical List of Ordinary Members.

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Date of Election.		
4-7-27	N	Vance, R. L., M.B., B.U.H., B.A.O. (DUB.), L.M. (ROT.), MAJOR, I.M.S., <i>Officiating Chief Medical Officer, Western India States Agency.</i> Rajkot, Kathiawar.
4-1-37	R	Vedanta-tirtha, N.C. 90, Lower Circular Road, Calcutta.
7-8-33	R	Vedantatirtha, VANAMALI, M.A., <i>Formerly Professor, Cotton College, Gauhati.</i> 8/4-E, Nepal Bhattacharya Lane, Kalighat, Calcutta.
6-6-32	R	Vere-Hodge, Mrs. E. H., <i>Author.</i> 9/4, Middleton Row, Calcutta.
5-7-05	R	Vidyabhushan, AMULYA CHARAN. Vangiya Mahakosha, 5, Jadu Mitter Lane (North), Shambazar, Calcutta.
1-2-32	R	Visser, DR. PH. C., <i>Consul-General for the Netherlands.</i> E-1, Clive Buildings, Clive Street, Calcutta.
6-3-01	L	*Vogel, JEAN PHILIPPE, LITT.D., F.R.A.S.B. Noordeindsplein, 4a, Lieden, Holland.
27-9-94	L	Vost, WILLIAM, LT.-COL., I.M.S. Leicester Lodge, 1, Medina Villas, Hove, Sussex, England.
6-5-25	R	*Wadia, D. N., M.A., B.SC., F.R.G.S., F.R.A.S.B., <i>Geological Survey of India.</i> 27, Chowringhee, Calcutta.
5-3-28	A	Waight, HARRY GEORGE, B.A. (OXON and LOND.), F.R.G.S., I.C.S., <i>District and Sessions Judge.</i> Burdwan.
2-5-27	A	Watson, SIR ALFRED HENRY, KT., <i>Late Editor, The 'Statesman', Calcutta.</i> England.
2-2-31	A	Wauchope, R. S., O.B.E., A.L.C.E., F.R.A.I., MAJOR, I.A. 8, Park Chambers, 93, Park Street, Calcutta.
6-2-33	N	Wellsted, THOMAS ARTHUR, A.R.S.M., B.SC., ASSOC. INST. M.M., <i>Mining Engineer.</i> Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	West, WILLIAM DIXON, M.A. (CANTAB.), <i>Assistant Superintendent, Geological Survey of India.</i> 27, Chowringhee, Calcutta.
1-11-26	R	Westcott, FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (OXON), <i>Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon.</i> Bishop's House, 51, Chowringhee, Calcutta.
6-4-36	R	White, JOHN CAMPBELL, <i>American Consul-General.</i> 9, Esplanade Mansions, Calcutta.
19-9-06	L	*Whitehead, RICHARD BERTRAM, F.R.A.S.B., I.C.S. (RETD.). 30, Millington Road, Cambridge, England.
6-5-29	A	Williams, HENRY FRENCH FULFORD, M.A., CLARE COLLEGE (CAMP.), <i>Chaplain of Barrackpore.</i> Barrackpore.
7-9-36	R	Williams, N. T. Messrs. Orr, Dignam & Co., 32, Dalhousie Square, Calcutta.
6-2-28	F	Williams, T. TALIESIN, M.A., B.SC. 2, Orchard, Welwyn Garden City, Herts., England.
5-4-37	F	Wolfenden, S. N. Beverly Hills, California, U.S.A.
1-4-08	R	Wordsworth, WILLIAM CHRISTOPHER, M.A., I.E.S. (RETD.). c/o The "Statesman", Chowringhee Square, Calcutta.
7-3-27	N	Wright, FREDERIC MATTLAND, <i>Broker.</i> Post Box No. 72, Bombay.
5-2-19	N	*Yazdani, GHULAM, M.A., F.R.A.S.B., <i>Epigraphist to the Government of India for Persian and Arabic Inscriptions, Hyderabad.</i> Archaeological Survey, Hyderabad, Deccan.



## ORDINARY MEMBERS.

(Chronological.)

1884.					1905.				
Nov.	5.	Middlemiss, C. S.			July	5.	Vidyabhusana, A. C.	25	
1887.					Aug.	2.	McCay, D.		
Aug.	25.	Criper, W. R.			1906.				
1888.					Jan.	3.	Chapman, J. A.		
June	6.	Pennell, A. P.			Sept.	19.	Whitehead, R. B.		
1889.					Oct.	31.	Finlow, R. S.		
Mar.	6.	La Touche, T. H. D.			1907.				
1890.					July	3.	Brown, J. C.	30	
5 Mar.	5.	Ray, Sir Prafulla C.			"	"	Christie, W. A. K.		
<hr/>									
1892.					1908.				
Jan.	11.	MacLagan, Sir Edward D.			Jan.	1.	Brahmachari, Sir U. N.		
Feb.	1.	Bodding, P. O.			April	1.	Wordsworth, W. C.		
1893.					1909.				
Aug.	31.	Tate, G. Passman			Jan.	6.	Shirreff, A. G.		
1894.					April	7.	Bentley, C. A.	35	
Sept.	27.	Vost, W.			July	7.	Bazaz, R. K.		
1895.					Oct.	6.	Brown, P.		
10 Sept.	19.	De, K. C.			"	"	Gangoli, O. C.		
1896.					Nov.	3.	Christophers, Sir S. R.		
Jan.	8.	Burn, Sir Richard			1910.				
1897.					May	4.	Dhavle, S. B.	40	
Dec.	1.	Seth, M. J.			"	"	Kemp, S. W.		
1898.					Sept.	7.	Gravely, F. H.		
Jan.	5.	Dods, W. K.			<hr/>				
April	6.	Tagore, Sir Pradyot C.			1911.				
1900.					Feb.	1.	Insch, J.		
15 Dec.	5.	Grieve, J. W. A.			"	"	Law, N. N.		
<hr/>									
1901.					Mar.	1.	Mahtab, Sir Bijay Chand	45	
Mar.	6.	Shirwani, Nawab Habib-ur-Rahman			June	7.	Chatterjee, K. K.		
"	"	Vogel, J. P.			"	"	Hosain, M. H.		
June	5.	Mann, H. H.			July	5.	Sewell, R. B. S.		
Dec.	4.	Ross, Sir Edward D.			Nov.	1.	Ahmed, K.		
1902.					<hr/>				
20 Feb.	5.	Shyam Lal.			1912.				
July	2.	Doxey, F.			May	1.	Harley, A. H.	50	
1904.					June	5.	Misra, C.		
June	1.	Tipper, G. H.			July	3.	Andrews, E. A.		
Aug.	3.	Fermor, Sir L. L.			Sept.	4.	Ghosh, T.		
"	"	Stapleton, H. E.			"	"	Singhi, B. S.		



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1913.		
55	Mar.	5. Simonsen, J. L.
	April	2. Calder, C. C.
	June	4. Majumdar, R. C.
	Nov.	5. Fox, C. S.

1914.		
	Mar.	4. Bacot, J.
60	April	1. Chaudhuri, G. D.
	July	1. Law, S. C.
	Aug.	5. Law, B. C.

1915.		
	April	7. Ohtani, Count K.
	Aug.	4. Gurner, C. W.
65	Sept.	1. Cleghorn, M. L. W.
	Oct.	27. Chatterjee, Sir A. C.

1916.		
	Feb.	2. Majumdar, N. K.
	June	7. Mahajan, S. P.
	July	5. Sarkar, G.

1917.		
70	April	4. Awati, P. R.
	"	" Aiyangar, K. V. R.
	Aug.	1. Bhandarkar, D. R.

1918.		
	Feb.	6. Banerji, N. N.
	"	" Manen, Johan van.
75	"	" Singh, B. M.
	April	3. Prashad, B.

1919.		
	Feb.	5. Yazdani, G.
	Mar.	5. Gupta, S. P.
	Nov.	5. Hemraj, R.

1920.		
80	Mar.	3. Mahalanobis, P. C.
	"	" Sundara Raj, B.
	June	2. Suhrawardy, Sir H.
	"	" Majumdar, N. G.
	Aug.	4. Dikshit, K. N.
85	Sept.	1. Chakladar, H. C.
	"	" Chanda, R. P.
	"	" Chatterjee, N. C.
	Dec.	" Akbar Khan, Sir M.

1921.		
90	Jan.	5. Ray, J. N.
	Feb.	2. Jain, Chhote Lal
	"	2. Mukerjee, R. P.

Feb.	2.	Mookerjee, S. C.
Mar.	2.	Agharkar, S. P.
Sept.	7.	Ray, H. C.
Nov.	2.	Hora, S. L.

95

1922.		
Feb.	1.	Bhattacharya, V. S.
"	"	Chopra, R. N.
April	5.	Abdul Ali, A. F. M.
Nov.	1.	Strickland-Anderson, Mrs.

1923.		
Mar.	7.	Labey, G. T. 100
"	"	Stamp, L. D.
May	2.	Shebbeare, E. O.
June	6.	Howard, Sir A.
"	"	Hutton, J. H.
Aug.	1.	Biswas, K. P. 105
Dec.	5.	Chopra, B. N.
"	"	Barwell, N. F.
"	"	Sen, H. H. Lakshman

1924.		
Feb.	6.	Mahindra, K. C.
Mar.	5.	Banerjee, P. N. 110
"	"	Mitter, Sir B. L.
"	"	McPherson, J.
"	"	Sircar, Sir N. N.
"	"	Sircar, Sir N. R.
April	2.	Bahl, K. N. 115
"	"	Ghose, K.
"	"	Richards, F. J.
"	"	Haq, M. M.
"	"	Mitra, J. C.
May	7.	Bhattacharya, B. 120
July	2.	Ray, A. C.
"	"	Mookerjee, S. P.
Aug.	6.	Chatterji, S. K.
"	"	Roŕ-Chowdhury, B. K.
"	"	Davies, L. M. 125
Nov.	5.	Chattopadhyay, K. P.
"	"	Sahni, B.
"	"	Mookerji, B. N.
Dec.	3.	Newman, C. F. 130
"	"	Pushong, E. S.
"	"	Rogers, T. E.
"	"	Basu, J. N.
"	"	Ghose, S. C.
"	"	Sarkar, C. K.
"	"	Roerich, G. N.
"	"	Sen, H. K. 135
"	"	Khan, R. R.

1925.		
Feb.	4.	Guha, B. S.
Mar.	4.	Benthall, Sir E. C.
"	"	Das, A. N. 140



	Mar.	4.	Deb, K.	
	April	1.	Perier, F.	
	"	"	Hobbs, H.	
	"	"	Sen, B. C.	
145	May	6.	Jatia, Sir O. M.	
	"	"	Khanna, V. L.	
	"	"	Staub, Max.	
	"	"	Wadia, D. N.	
	July	6.	Bose, M. M.	
	Aug.	3.	Pruthi, H. S.	
150	Nov.	2.	Acharya, P.	
	"	"	Chattopādhyāya, K. C.	
	"	"	Crookshank, H.	
	"	"	Kimura, R.	
	"	"	Sharif, M.	

## 1926.

155	Jan.	4.	Shortt, H. E.	
	"	"	Sinton, J. A.	
	"	"	Stapleton, G. (Miss)	
	Feb.	1.	Rao, Y. R.	
	"	"	Ghuznavi, Sir A. K.	
160	"	"	Hingston, H.	
	"	"	Harris, H. G.	
	"	"	Ghuznavi, A. H.	
	Mar.	1.	McKay, J. W.	
	"	"	Datta, H. N.	
165	"	"	Basu, N. K.	
	"	"	Kramrisch, Stella	
	"	"	Bagnall, J. F.	
	April	5.	Senior-White, R.	
	"	"	Ghose, B. C.	
170	"	"	Bhatia, M. L.	
	"	"	Mitter, K. N.	
	June	7.	Lemmon, R. D.	
	July	5.	Mukhopadhyaya, P. K.	
	"	"	Tyson, J. D.	
175	"	"	Lyne, H. W.	
	Aug.	2.	Mukherjee, J. N.	
	"	"	Khettry, B.	
	Nov.	1.	Jameson, T. B.	
	"	"	Modi, J. R. K.	
180	"	"	Westcott, F.	
	"	"	Mills, J. P.	
	"	"	Galstaun, S.	
	"	"	Bagchi, P. C.	
	Dec.	6.	Aiyangar, S. K.	
185	"	"	Roy, A. K.	

## 1927.

	Jan.	3.	Chakravarty, N.	
	"	"	Bivar, H. G. S.	
	Feb.	7.	Chatterjee, A.	
	Mar.	7.	Hopkinson, A. J.	
190	"	"	Bake, A. A.	
	"	"	Stagg, M.	
	"	"	Ghosh, P. N.	
	"	"	Abdul Kadir, A. F. M.	

	Mar.	7	Fukushima, N.	
	"	"	Wright, F. M.	195
	May	2.	Watson, Sir A. H.	
	June	6.	Nandi, Maharaja S. C.	
	"	"	Jain, B.	
	"	"	Sinha, S. P.	
	July	4.	Chatterjee, P. P.	200
	"	"	Chakravarti, C.	
	"	"	Vance, R. L.	
	Nov.	7.	Tarkatirtha, B.	
	"	"	Mukherji, D.	
	"	"	Brahmachary, S. C.	205
	Dec.	5.	Namgyal, H.H. Sir	
	"	"	Tashi	
	"	"	Dechhen, H.H. Kun-	
	"	"	zang	
	"	"	Chowdhury, Sir C.	
	"	"	Mukerjee, S. K.	

## 1928.

	Jan.	2.	Basu, N. M.	210
	"	"	Mello, F. de	
	Feb.	6.	Sinha, S. C.	
	"	"	Ezra, Sir D.	
	"	"	Mukerji, Sir M. N.	
	"	"	Williams, T. T.	215
	"	"	Shumsher, Sir Kaiser	
	Mar.	5.	Waight, H. G.	
	"	"	Gooptu, D. N.	
	"	"	Neogi, P.	
	"	"	Biswas, C. C.	220
	"	"	Eberl, Otto	
	April	2.	Mullick, K. C.	
	"	"	Kumar, K. K.	
	"	"	Chowdhury, Rai J. N.	
	"	"	Harris, L. E.	225
	May	7.	Chatterji, K. N.	
	"	"	Chatterjea, Sir N. R.	
	"	"	Tucci, G.	
	"	"	Murray, E. F. O.	
	"	"	Ghosal, U. N.	230
	"	"	Lord Sinha of Raipur	
	"	"	Saha, M. N.	
	June	4.	Bhadra, S. N.	
	"	"	Bhattachali, N. K.	
	July	2.	Roerich, N.	235
	Aug.	6.	Jaitly, P. L.	
	"	"	Ghuznavi, I. S. K.	
	"	"	Heron, A. M.	
	Nov.	5.	Olpadvala, E. S.	
	"	"	Statham, R. M.	240
	"	"	Reinhart, W.	
	"	"	Galstaun, J. C.	

## 1929.

	Jan.	7.	Ghose, M. C.	
	Feb.	4.	Narain, Hirde	
	"	"	Jenkins, W. A.	245



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*Chronological List of Ordinary Members.*

97

	Mar.	4.	De, J. C.
	"	"	Mullick, P. N.
	April	1.	Ghose, D. P.
	"	"	Rizvi, S. H. H.
250	"	"	Sen-Gupta, N. C.
	May	6.	Sharma, S. R.
	"	"	Williams, H. F. F.
	"	"	Pawsey, C. R.
	July	1.	Dunn, J. A.
255	Aug.	5.	Sommerfeld, A.
	Nov.	4.	Singh, J.
	"	"	Cotter, G. de P.
	"	"	Campbell, G. R.
	"	"	Edwards, L. B.
260	"	"	Siddiqi, M. Z.
	"	"	Mallya, B. G.
	Dec.	2.	Fawcus, L. R.
	"	"	Thomas, H. W.

1930.

	Jan.	6.	Jain, N. K.
265	"	"	Haldar, S. K.
	"	"	Hamilton, Sir D. M.
	"	"	Martin, M. F. C.
	"	"	Chakravarti, S. C.
	Feb.	3.	Mahtab, U. C.
270	"	"	Pettigrew, W.
	"	"	Chakravarti, M. N.
	Mar.	3.	Mukharji, I. C.
	"	"	Ashton, H. S.
	May	5.	Deo, Sir P. C. Bhanj
275	"	"	Matthias, O. G.
	"	"	Mallam, G. L.
	"	"	Cooper, G. A. P.
	June	2.	Kenny, D. E. C.
	Nov.	3.	Austin, G. J.
280	"	"	Rahman, S. K.
	Nov.	"	Newman, C. D.
	Dec.	1.	Roy, K. K.

1931.

	Jan.	5.	Chatterji, D.
	"	"	Evans, P.
285	Feb.	2.	Wauchope, R. S.
	"	"	Douglas, G. W.
	"	"	Clough, J.
	Mar.	2.	Bose, S. K.
	April	6.	Bhose, J. C.
290	May	4.	Bottomley, J. M.
	June	1.	Lort-Williams, Sir J.
	Aug.	3.	Barua, K. L.

1932.

	Feb.	1.	Holme, J. W.
	"	"	Visser, Ph. C.
295	Mar.	7.	Hughes, A.
	"	"	Chakraborty, K. B.
	"	"	Darbari, M. D.

	June	6.	Vere-Hodge, Mrs. E. H.
	Nov.	7.	Suvarna Shumser
	"	"	Driver, D. C.
	Dec.	5.	Dutt, N.
	"	"	Boyle, C. A.

300

1933.

	Jan.	2.	George, J.
	"	"	Dutch, R. A.
	"	"	Singh, R. P.
	Feb.	6.	Wellsted, T. A.
	"	"	Ghatak, J. C.
	"	"	West, W. D.
	Mar.	6.	Seal, S. C.
	June	5.	Chakravarti, S. K.
	"	"	Rossetti, F. F. L.
	July	3.	Dutt, G. S.
	Aug.	7.	Sinh, Raghubir
	"	"	Vedantatirtha, V.
	Nov.	6.	Kavyatirtha, R. D.
	"	"	Krishnan, M. S.
	"	"	Coulson, A. L.

305

310

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1934.

	Jan.	1.	Ahmad, M. J.
	Feb.	5.	Bhuyan, S. K.
	"	"	Haldar, B. V.
	"	"	Kirby, W.
	"	"	Law, B. C.
	"	"	Nariman, R. K.
	"	"	Pasricha, C. L.
	"	"	Percival, F. G.
	"	"	Richter, H.
	"	"	Sale, H. M.
	"	"	Selzam, E. von
	Mar.	5.	Craddock, Sir W. M.
	"	"	Modi, J. J. J.
	"	"	Singh, H. H. Sir K.
	May	7.	Bent, W. A.
	June	4.	Chatterji, B. R.
	Aug.	6.	Husain, S. A.
	"	"	Mullick, M. L.
	"	"	Rao, U. S.
	Sep.	3.	Auden, J. B.
	"	"	Krishnan, K. S.
	"	"	Sondhi, V. P.
	"	"	Ulser, M. E. M. M.
	Nov.	5.	Gee, E. R.
	"	"	Hosain, Prince
	"	"	A. M. M. M. A.
	"	"	Dey, M.
	Dec.	3.	Burt, Sir B. C.
	"	"	Brahmachari, P. N.
	"	"	Chatterjee, S. C.

320

325

330

335

340

345

1935.

	Feb.	4.	Singh, S.
	"	"	Sayeeduddin, M.
	"	"	Sarkar, N. R.



350	Feb. 4	Law, P. C.	
	" "	Lal, R. B.	
	Mar. 4	Roy, S. Singh.	
	" "	Jack, Hon. Justice	
	" "	R. E.	
	" "	Groth, E. M.	
355	June 3	Singhanian, R. P.	
	Aug. 5	Shattock, J. S. H.	
	Sep. 30	Dutt, M. N.	
	" "	Basu, S. K.	
	" "	Mitter, S. K.	
360	" "	Howland, F.	
	Nov. 4	Bor, N. L.	
	" "	Anina Klebe.	
	" "	Hirtzel, M. A. F.	
	" "	Chaudhuri, S. N.	

## 1936.

	Jan. 6	Anderson, Rt. Hon.	
365	" "	Sir John.	
	" "	Berkeley-Hill, Owen	
	" "	A. R.	
	" "	Brocke, A. G.	
	Feb. 3	Ahmad, Alfazuddin.	
	" "	Catto, Sir T. S.	
370	" "	Flury, E. C.	
	Mar. 2	Chatterji, M.	
	" "	Chatterji, Mrs. T.	
	April 6	Rankin, E. H.	
	" "	White, J. C.	
375	May 4	Husain, S. A.	
	June 1	Sen, J. M.	
	Sep. 7	Bagchi, K. N.	
	" "	Gangooly, P. L.	

Sep. 7	Mandhata, H. C.	
" "	Ram, D.	386
" "	Singh Roy, Hon. Sir	
" "	B. P.	
" "	Sinha, J.	
" "	Williams, N. T.	
" "	Ghosh, J.	
Nov. 2	Bothra, S.	385
Dec. 7	Daga, M.	
" "	Sen, D. N.	
" "	Mookerjee, B. G.	
" "	Mitra, S. C.	
" "	Gillespie, A. D.	390
" "	Ghosal, S. M.	
" "	Bose, A. N.	
" "	Basu, I. B.	
" "	Banerjee, S. M.	

## 1937.

Jan. 4	Vedanta-tirtha, N. C.	395
" "	Ahmad, S.	
April 5	Asari, J. R.	
" "	Gupta, Miss K. K.	
" "	Mooney, H. F.	
" "	Wolfenden, S. N.	400
" "	Sufi, M. E.	
" "	Sharaf-ud-din, S.	
" "	Sen K. M.	
" "	Sattar, A. H.	
" "	Sahni, M. R.	405
" "	Rey, D.	
July 5	Mukherjee, P.	
Sep. 6	Durniz-Podwils, Count.	



## LIFE MEMBERS.

(Chronological.)

5-11-84	C. S. Middlemiss (30 N.).	5- 3-13	J. L. Simonsen (19 N.).	
6- 6-88	A. P. Pennell (88 F.).	4- 3-14	J. Bacot (14 F.).	
6- 3-89	T. H. D. La Touche (10 N.).	5- 8-14	B. C. Law (33 R.).	30
11- 1-93	Sir Edward D. Maclagan (94 R.).	5- 7-16	G. Sircar (29 N.).	
5 1- 2-93	P. O. Bodding (14 N.).	6- 2-18	Johan van Manen (25 R.).	
31- 7-93	G. P. Tate (23 N.).	3- 4-18	B. Prashad (29 R.).	
27- 9-94	W. Vost (94 F.).	2-11-21	S. L. Hora (30 N.).	
19- 9-95	K. C. De (26 R.).	6- 6-23	Sir A. Howard (30 N.).	35
5-12-00	J. W. A. Grieve (00 F.).	1- 8-23	K. Biswas (36 R.).	
10 6- 2-01	J. Ph. Vogel (25 F.).	5-12-23	H. H. Lakshman Sen (24 N.).	
2- 7-02	F. Doxey (28 R.).	7- 5-24	B. Bhattacharya (24 N.).	
1- 6-04	G. H. Tipper (27 N.).	6- 8-24	L. M. Davies (24 N.).	
3- 8-04	Sir Lewis Leigh Fermor (36 F.).	3-12-24	G. Roerich (28 F.).	40
28- 9-04	H. E. Stapleton (26 R.).	6- 6-27	B. D. Jain (28 R.).	
15 2- 8-05	D. McCay (29 F.).	5-12-27	Sir Chhajuram Chow- dhury (27 R.).	
3- 1-06	J. A. Chapman (28 N.).	5-12-27	H. H. Sir Tashi Nam- gyal (27 N.).	
19- 7-06	R. B. Whitehead (26 N.).	5-12-27	H. H. Kunzang Dech- hen (27 N.).	
3- 7-07	J. Coggin Brown (28 N.).	6- 2-28	Sir D. Ezra (28 R.).	45
3- 7-07	W. A. K. Christie (29 N.).	6- 2-28	Sir Kaiser Shumsher Jung Bahadur Rana (28 N.).	
20 1- 1-08	Sir U. N. Brahma- chari (27 R.).	2- 7-28	N. Roerich (28 F.).	
7- 4-09	C. A. Bentley (30 N.).	5-11-28	W. Reinhart (28 F.).	
4- 5-10	S. B. Dhavle (10 N.).	4-11-29	G. de P. Cotter (32 N.).	
4- 5-10	S. W. Kemp (29 F.).	3- 3-30	H. S. Ashton (30 N.).	50
1- 2-11	James Insch (28 R.).	5- 1-31	P. Evans (31 N.).	
25 7- 6-11	M. Hidayat Hosain (27 N.).	7-11-32	Suvarna Shumser Jung Bahadur Rana (32 N.).	
5- 7-11	R. B. S. Sewell (28 N.).	6- 2-33	J. C. Ghatak (33 R.).	
1-11-11	Kamaluddin Ahmad (24 N.).	5- 2-34	H. M. Sale (34 N.).	
		5- 3-34	H. H. Sir K. Singh (34 N.).	55



## SPECIAL ANNIVERSARY HONORARY MEMBERS.

Date of Election.	(Science.)
15-1-34	PROF. ALBERT EINSTEIN, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. LACROIX, Secrétaire Perpetuel, Académie des Sciences, Paris.
15-1-34	SIR SYDNEY BURRARD, K.C.S.I., F.R.S., Foxhill, Salisbury Road, Farnborough, Hants, England.
15-1-34	DR. SIR SVEN HEDIN, Stockholm, Sweden.

## (Letters.)

15-1-34	SIR JOHN MARSHALL, KT., Avondale, Sydney Road, Guildford, Surrey, England.
15-1-34	DR. RABINDRA NATH TAGORE, Santiniketan, Bolpur, Birbhum.
15-1-34	PROF. TAHA HOSAIN, Cairo.
15-1-34	PROF. ARTHUR CHRISTENSEN, 62, Raadhusevej, Charlottenlund, Denmark.
15-1-34	DR. J. VAN KAN, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. PRINCE DAMRONG RAJANUBHAB OF SIAM, Siam.

## ASSOCIATE MEMBERS.

Date of Election.	
1-2-22	*PIERRE JOHANNIS, REV., S.J., B.LITT. (OXON), <i>Professor of Philosophy</i> . St. Xavier's College, 30, Park Street, Calcutta.
1-2-22	*ANANTAKRISHNA SASTRI, MAHAMAHOPADHYAYA, VEDANTA-VISARADA, <i>Lecturer in Sanskrit</i> , Calcutta University. 32, College Square, Calcutta.
2-5-27	*N. N. VASU, RAI SAHIB. 20, Visvakosh Lane, Baghbazar, Calcutta.
2-12-29	†SARAT CHANDRA ROY, RAI BAHADUR, M.A., B.L., <i>Editor</i> , 'Man in India'. Church Road, Ranchi.
1-1-34	L. BOGDANOV. Flat 8-B, Solomon Mansions, 7, Royd Street, Calcutta.

\* Re-elected for a further period of five years on 7-3-1932 under Rule 2c.

† Re-elected for a further period of five years on 1-1-1934 under Rule 2c.



## INSTITUTIONAL MEMBERS

	Date of Election.	
	28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.
	2-12-29	Adyar Library, Adyar, Madras S.
	4-5-31	Benares Hindu University Library, Benares.
	1-6-31	Ohtani University Library, Kyoto, Japan.
5	7-12-31	Annamalai University Library, Annamalainagar, Chidambaram, S. India.
	30-10-33	Allahabad University Library, Allahabad.
	30-4-34	Bombay University Library, Bombay.
	23-1-36	Islamia College, Peshawar.
	4-5-36	Patna College, Patna.
10	7-12-36	Forest Research Institute, Dehra Dun.
	4-1-37	Dacca University, Dacca.
	7-6-37	Agra University, Agra.

## ORDINARY FELLOWS

	Date of Election.	
	2-2-10	T. H. D. La Touche, B.A., F.G.S.
	2-2-10	Sir Pratulla Chandra Ray, KT., C.I.E., M.A., D.SC.
	2-2-10	Sir E. D. Ross, KT., C.I.E., PH.D.
	7-2-12	Sir Samuel R. Christophers, KT., C.I.E., O.B.E., I.M.S., F.R.S.
5	7-2-12	C. S. Middlemiss, C.I.E., B.A., F.G.S., F.R.S.
	5-2-13	J. Ph. Vogel, PH.D., LITT.D.
	5-2-13	S. W. Kemp, B.A., D.SC., F.R.S.
	3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.
	2-2-16	Sir Richard Burn, KT., C.S.I., I.C.S. (retd.).
10	2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S.
	7-2-17	F. H. Gravely, D.SC.
	6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.
	6-2-18	D. McCay, M.D., M.R.C.P., I.M.S.
	5-2-19	J. Coggin Brown, O.B.E., M.I.M.E., F.G.S.
15	5-2-19	W. A. K. Christie, B.SC., PH.D., M.INST.M.M.
	5-2-19	D. R. Bhandarkar, M.A., PH.D.
	5-2-19	R. B. Seymour Sewell, C.I.E., M.A., S.C.D., M.R.C.S., L.R.C.P., F.L.S., F.Z.S., F.R.S., I.M.S.
	2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F.
	1-2-22	Ramaprasad Chanda, B.A.
20	4-2-25	M. Hidayat Hosain, PH.D.
	1-2-26	P. O. Bodding, M.A.
	7-2-27	Johan van Manen, C.I.E.
	7-2-27	B. Sahni, M.A., S.C.D., D.SC., F.G.S., F.R.S.
	6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC., I.E.S. (retd.).
25	6-2-28	B. Prashad, D.SC., F.Z.S., F.R.S.E.
	6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.
	4-2-29	Sir Albert Howard, KT., C.I.E., M.A.
	4-2-29	J. H. Hutton, C.I.E., M.A., D.SC., I.C.S.
	4-2-29	Sir Edward D. MacLagan, K.C.S.I., K.C.I.E.
30	3-2-30	G. de P. Cotter, B.A., S.C.D., M.INST.M.M., F.G.S.
	3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E.
	3-2-30	J. P. Mills, I.C.S., M.A., J.P.



Date of Election.		
3-2-30	Meghnad Saha, D.S.C., F.R.S.	
2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.R.HIST.S.	
2-2-31	R. N. Chopra, C.I.E., M.A., M.B., I.M.S.	35
2-2-31	R. B. Whitehead, I.C.S. ( <i>retired</i> ).	
1-2-32	J. Bacot.	
6-2-33	Percy Brown, A.R.C.A.	
6-2-33	Ordhendra Coomaz Gangoly, B.A.	
6-2-33	Ghulam Yazdani, M.A.	40
5-2-34	D. N. Wadia, M.A., B.S.C., F.R.G.S.	
3-2-36	S. K. Chatterji, M.A., D.LIT.	
3-2-36	A. M. Heron, D.S.C., F.G.S., F.R.G.S., F.R.S.E.	
3-2-36	N. G. Majumdar, M.A.	
3-2-36	Nawab Habib-ur-Rahman Shirwani.	45
15-2-37	K. N. Bahl, D.Sc., D.PHIL.	
15-2-37	K. N. Dikshit, M.A.	
15-2-37	N. N. Law, M.A., B.L., PH.D.	
15-2-37	J. N. Mukherjee, D.S.C., F.C.S.	

## HONORARY FELLOWS

Date of Election.		
5-2-96	CHARLES ROCKWELL LANMAN. 9, Farrar Street, Cambridge, Massachusetts, U.S.A.	
2-3-04	SIR GEORGE ABRAHAM GRIERSON, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A., I.C.S. ( <i>retired</i> ). Rathfarnham, Camberley, Surrey, England.	
5-8-15	SIR JOSEPH JOHN THOMSON, KT., O.M., M.A., SC.D., D.S.C., LL.D., PH.D., F.R.S. Trinity College, Cambridge, England.	
6-12-16	G. A. BOULENGER, F.R.S., LL.D. Jardin Botanique de L'Etat, Brussels.	
4-2-20	SIR AUREL STEIN, K.C.I.E., PH.D., D.LITT., D.S.C., D.O.L., F.B.A. c/o Indian Institute, Oxford, England.	5
4-2-20	A. FOUCHER, D.LITT. Boulevard Raspail 286, Paris, XVIe.	
4-2-20	SIR ARTHUR KEITH, M.D., F.R.C.S., LL.D., F.R.S. Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C. 2.	
4-2-20	R. D. OLDHAM, F.R.S., F.G.S., F.R.G.S. 1, Broomfield Road, Kew, Surrey, England.	
4-2-20	SIR DAVID PRAIN, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.L.S., F.R.S., F.Z.S., M.R.I.A. Royal Botanic Gardens, Kew, Surrey, England.	
4-2-20	SIR JOSEPH LARMOR, KT., M.P., M.A., D.S.C., LL.D., D.O.L., F.R.S., F.R.A.S. St. John's College, Cambridge, England.	10
4-2-20	SIR JAMES FRAZER, KT., D.O.L., LL.D., LITT.D. Trinity College, Cambridge.	
4-2-20	J. TAKAKUSU. Imperial University of Tokyo, Tokyo, Japan.	
2-3-21	F. W. THOMAS, C.I.E., M.A., PH.D. 161, Woodstock Road, Oxford, England.	
7-6-22	SIR THOMAS HOLLAND, K.C.S.I., K.C.I.E., D.S.C., F.R.S. University of Edinburgh, Blackford Brae, Edinburgh.	
7-6-22	SIR LEONARD ROGERS, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.S., I.M.S. 24, Cavendish Square, London, 4.	15
7-1-25	STEN KONOW. Ethnographisk Museum, Oslo, Norway.	
7-3-27	RT HON'BLE THE EARL OF LYTTON, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.	



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*Honorary Fellows.*

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Date of Election.	
5-12-27	LT.-COL. SIR T. WOLSELEY HAIG, K.C.I.E., C.S.I., C.B.E., M.A., C.M.G. 34, Gledstanēs Road, West Kensington, London, W. 14.
5-5-30	DR. R. ROBINSON, D.SC., F.R.S. The Dyson Perrins Laboratory, South Parks Road, Oxford, England.



## CHANGES IN MEMBERSHIP.

### LIST OF MEMBERS WHO HAVE BEEN ABSENT FROM INDIA THREE YEARS AND UPWARDS.\*

\*Rule 40.—After the lapse of three years from the date of a member leaving India, if no intimation of his wishes shall, in the interval, have been received by the Society, his name shall be removed from the List of Members.

The following members will be removed from the next Member List of the Society under the operation of the above Rule :—

1. Mrs. L. Strickland Andersen. (1922.)
2. Lt.-Col. H. Hingston. (1926)
3. Major R. S. Wauchope. (1931.)
4. W. Pettigrew. (1930.)
5. Sir S. R. Christophers. (1909.)
6. H. W. Thomas. (1929.)

### LOSS OF MEMBERS DURING 1936.

#### BY RETIREMENT.

##### *Ordinary Members.*

1. N. S. Daver. (1934.)
2. J. F. Blakiston. (1935.)
3. S. K. Datta. (1925.)
4. P. C. Duncan. (1934.)
5. C. Sarawgi. (1936.)
6. W. H. Bates. (1934.)
7. Dr. D. N. Mitter. (1924.)
8. Rev. M. Ledrus. (1934.)
9. Sharda Prasad. (1934.)
10. S. M. Jaffar. (1935.)
11. W. J. Moloney. 1924.)
12. H. E. C. Wilson. (1934.)
13. W. S. Urquhart. (1927.)
14. Hon. S. N. Guha. (1926.)
15. J. Gladstone. (1934.)
16. R. N. Dutt. (1936.)
17. Sir H. Couchmann. (1934.)

#### BY DEATH.

##### *Ordinary Members.*

1. Sir W. L. Travers. (1929.)
2. Hon. B. K. Basu. (1929.)
3. H. K. Mitter. (1929.)
4. T. K. Barhut. (1926.)
5. Sir J. C. Bose. (1895.)
6. S. N. Das. (1924.)



*Special Anniversary Honorary Member.*

1. Baron Ernest Rutherford of Nelson. (1934.)

*Honorary Fellows.*

1. MM. Kamakhyanath Tarkavagisa. (1911.)
2. Dr. H. Jacobi. (1930.)

**•UNDER RULE 38.**

1. N. C. Bhattacharya. (1928.)
2. D. M. Captain. (1927.)
3. Dr. S. N. Das Gupta. (1922.)
4. S. K. Deb. (1932.)
5. Matiur Rahman Khan. (1929.)
6. R. H. Parker. (1926.)
7. T. E. Rogers. (1924.)
8. A. G. Henderson. (1930.)



## MEDALLISTS.

### ELLIOTT GOLD MEDAL AND CASH.

#### RECIPIENTS.

- 1893 Chandra Kanta Basu.
- 1895 Yati Bhusana Bhaduri.
- 1896 Jnan Saran Chakravarti.
- 1897 Sarasi Lal Sarkar.
- 1901 Sarasi Lal Sarkar.
- 1904 { Sarasi Lal Sarkar.
- Surendra Nath Maitra.
- 1907 Akshoy Kumar Mazumdar.
- 1911 { Jitendra Nath Rakshit.
- Jatindra Mohan Datta.
- 1913 { Rasik Lal Datta.
- Saradakanta Ganguly.
- Nagendra Chandra Nag.
- Nilratan Dhar.
- 1918 Bibhutibhushan Dutta.
- 1919 Jnanendra Chandra Ghosh.
- 1922 Abani Bhusan Datta.
- 1923 Bhailal M. Amin.
- 1926 Bidhu Bhusan Ray.
- 1927 Kalipada Biswas.
- 1931 T. C. N. Singh.
- 1932 P. N. Das-Gupta.
- 1933 Nirmal Kumar Sen.
- 1934 D. P. Roy Chowdhury.
- 1935 Kalipada Biswas.
- 1937 Pulin Behari Sarkar.

### BARCLAY MEMORIAL MEDAL.

#### RECIPIENTS.

- 1901 E. Ernest Green.
- 1903 Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.R.C.S.,  
F.R.C.S., D.P.H., LL.D., D.SC., M.D., F.R.S.
- 1905 D. D. Cunningham, C.I.E., F.R.S.
- 1907 A. W. Alecock, C.I.E., M.B., LL.D., F.R.S.
- 1909 Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E.,  
F.L.S., F.Z.S., M.R.I.A., F.R.S.
- 1911 Carl Diener.
- 1913 William Glen Liston, C.I.E., M.D., D.P.H.
- 1915 J. S. Gamble, C.I.E., M.A., F.R.S.
- 1917 H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
- 1919 N. Annandale, C.I.E., D.SC., C.M.Z.S., F.L.S., F.R.S., F.A.S.B.
- 1921 Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.C.S.,  
F.R.S.
- 1923 Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., F.A.S.B.,  
M.B., LT.-COL., I.M.S.
- 1925 J. Stephenson, C.I.E., B.SC., M.B., CH.B., F.R.S., F.R.C.S.,  
F.R.S.E., LT.-COL., I.M.S.
- 1927 S. W. Kemp, B.A., D.SC., F.R.S., F.R.A.S.B.



- 1929 Sir Albert Howard, KT., C.I.E., M.A., F.R.A.S.B.  
 1931 R. B. Seymour Sewell, C.I.E., M.A., SC.D. (CANTAB.),  
 M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.A.S.B., F.R.S., LT.-COL.,  
 I.M.S.  
 1933 R. Row, O.B.E., D.SC.  
 1935 B. Sahni, M.A., SC.D. (CANTAB.), D.SC., F.G.S., F.R.S.  
 1937 R. N. Chopra, C.I.E., M.A., M.D. (CANTAB.), F.R.A.S.B., BT.  
 COL., I.M.S.

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### SIR WILLIAM JONES MEMORIAL MEDAL.

#### RECIPIENTS.

- 1927 Sir Malcolm Watson, KT., LL.D. (HON.), M.D., C.M., D.P.H.  
 1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D.,  
 F.B.A., HON. F.R.A.S.B., I.C.S. (retired).  
 1930 Dr. Felix H. D'Herelle.  
 1932 Dr. C. Snouck Hurgronje.  
 1934 Rai Sir Upendra Nath Brahmachari, Bahadur, KT., M.A.,  
 M.D., PH.D., F.S.M.F., F.R.A.S.B.  
 1937 Prof. Dr. A. J. Wensinck.

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### ANNANDALE MEMORIAL MEDAL.

#### RECIPIENTS.

- 1927 Fritz Sarasin.  
 1930 Dr. Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.  
 1933 Dr. Eugène Dubois.  
 1936 Dr. John Henry Hutton, C.I.E., I.C.S., M.A., D.SC., F.R.A.S.B.

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### JOY GOBIND LAW MEMORIAL MEDAL.

#### RECIPIENTS.

- 1929 Max Weber.  
 1932 Dr. Ernst J. O. Hartert, PH.D.  
 1935 Prof. Leo Semenowitch Berg.

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### PAUL JOHANNES BRÜHL MEMORIAL MEDAL.

#### RECIPIENTS.

- 1931 Rev. Ethelbert Blatter, S.J.  
 1934 Isaac Henry Burkill, M.A.

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### INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA.

#### RECIPIENT.

- 1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.







## PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1937.

JANUARY, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th at 5-30 P.M.

### PRESENT:

DR. A. M. HERON, D.Sc. (Edin.), F.G.S., F.R.G.S., F.R.S.E.,  
F.R.A.S.B., Library Secretary, in the Chair.

### Members:

Brahmachari, Sir U. N.  
Chakravarti, Mr. C.  
Flury, Mr. E. C.  
Haq, Mr. M. Mahfuz-ul  
Harley, Mr. A. H.  
Hobbs, Mr. H.  
Hosain, Dr. M. Hidayat

Kavyatirtha, Mr. R. D.  
Manen, Mr. Johan van  
Martin, Major M. F. C.  
Prashad, Dr. Bainsi  
Ray, Dr. H. C.  
Siddiqi, Dr. M. Z.  
and others.

### Visitor:

Harley, Mrs. A. H.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of six presentations of books, etc., which had been placed on the table for inspection.

The following candidates were balloted for for election as Ordinary members:—

(1) *Vedantatirtha, Narendra Chandra*, M.A. (Bagchi, Bhattacharya Sankhyatirtha, Mimansatirtha, Tattvaratna, Sastri) Author and Editor of books, Secretary and General Editor, Calcutta Sanskrit Series, Metropolitan Printing and Publishing House Ltd., 90, Lower Circular Road, Calcutta.

Proposer: P. C. Bagchi.  
Secunder: V. Vedantatirtha.

(2) *Ahmad, Shamsuddin, Maulvi*, Assistant Curator, Archæological Section, Indian Museum, 27, Chowringhee, Calcutta.

Proposer: N. G. Majumdar.  
Secunder: M. Hidayat Hosain.

The General Secretary reported that an application for Institutional Membership had been received from:

(11) Dacca University, Dacca,



which had been accepted by the Council.

The General Secretary reported the following loss of membership, since the previous meeting, by death:—

(6) Sarat Chandra Basu (An Ordinary Member, 1929).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

(18) Oswald Urehs (An Ordinary Member, 1928).

(19) R. S. Thomas (An Ordinary Member, 1936).

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

The General Secretary reported that, in accordance with Rules 37 and 38, the names of the following Ordinary Members who had, since the previous meeting, been suspended as defaulters within the Society's building, had now been removed as defaulters from the Society's registers for non-payment of dues.

(1) Shiv Bandhan Pande.

(2) G. T. Sitling.

(3) J. P. Shukla.

The following papers were read:—

1. S. PRADHAN.—*The alimentary canal of Epilachna Indica* (Coccinellidæ: Coleoptera), with a discussion on the activities of the mid-gut epithelium.

On a comparative study of the alimentary canals of carnivorous and herbivorous beetles of the family Coccinellidæ (Coleoptera), it was seen that there were a large number of both structural and physiological peculiarities in the case of *Epilachna Indica* which are important from the view-point of digestion among insects in general. The alimentary canal of another species of *Epilachna*, i.e., *E. Corrupta*, has already been described by two American workers, Potts (1927) and Burgess (1932), but their accounts have differed from each other. In this paper the author has presented the results of his investigations on *E. Indica*.

2. A. H. HARLEY.—*Marwān B. Abī Ḥaṣṣah: a Post-Classical Poet.*

Marwān must be given a prominent place in any study of the post-classical Arabian poets. The famous philologist Ibnu'l-A'rābī has closed with him the list of poets whose work is authoritative for what is correct in diction and taste. His compositions fall into the category of panegyric or elegy, and several specimens raise him to high eminence by reason of the sincerity combined with their literary quality. He could model himself closely on the classical ode.

The following exhibits were shown and commented upon:—

1. M. MAHFUZ-UL-HAQ.—*A valuable Manuscript of an Urdū romantic Poem (Mathnawī) composed by Sharaf-un-Nisā, a lady of Murshidābād (Bengal).*

This valuable, and apparently unique, manuscript, which formerly belonged to the library of the Nawwāb Nāzims of Bengal and now adorns my collection of Islāmic manuscripts, is a long *Mathnawī* poem in Urdū, comprising 158 folios and containing more than 4,000 verses in the



*Mutaqārīb* metre. The poem was composed (about 1845) by one Sharaf-un-Nisā and dedicated to Nawwāb Farḍūn Jāh and his mother Ra'īs-un-Nisā Begum of Murshidābād.

It is probable that our manuscript is the original copy which was prepared from the author's draft as it contains additions and emendations in the handwriting of Sharf-un-Nisā herself.

The poem is a fine and possibly the only extant specimen of the poetical composition of a Bengali Muslim lady of the last century.

## 2. THE GENERAL SECRETARY.—*A new loan collection of 12,000 Sanskrit Manuscripts from the Government of India, hitherto preserved in the Archæological Section of the Indian Museum.*

The Government of India have agreed to the permanent loan to the Society of a large collection of about 12,000 Sanskrit Manuscripts hitherto preserved in the Archæological Section, Indian Museum, Calcutta.

A condition attached to the loan is that the Society shall prepare a handlist of the manuscripts.

The Council have gratefully accepted the offer, and the Manuscripts are exhibited.

The following communication was made:—

### 1. JOHAN VAN MANEN.—*A difficult Verse in the Dhammapada.*

The Dhammapada, though translated a dozen times by various scholars, still offers many a problem of exegesis. Intensive treatment of several verses is called for. An example in point is offered by verse 34 in the chapter on 'Thought' or 'Mind'.

In Max Müller's translation the verse runs:—

'As a fish taken from his watery home and thrown on the dry ground, our thought trembles all over in order to escape the dominion of Māra (the tempter).'

The short chapter consists of 11 verses mostly exhorting the reader 'to make straight his trembling and unsteady thought, which is difficult to guard, difficult to hold back'.

How then should thought 'tremble all over in order to escape the dominion of Māra', if it should be steady to achieve spiritual results? Besides, the fish dies when on the dry land, the water is its home. Has the mind, or the thought, to die in order to escape the dominion of Māra, like the Christian exhortation 'whoever loses his life shall find it'?

Neumann gives a different explanation. He takes the water as a symbol of the world of desire or death. Whilst living in this world of desire, the world of Māra, the uninstructed soul trembles in fear at the prospect of death.

The main problems posed by the verse are:—

1. May there be a corruption in the text? If so, what may be suggested?
2. Does pahātave indicate 'to escape from' or 'to give up, to relinquish'?
3. Does Māra here stands for 'Tempter' or 'Death'?
4. Is Māradheyya 'the dominion of Māra' or rather 'the realm of death', or perhaps 'pertaining to the realm of death', like in 'mortal mind'?
5. What is the thought if the verbal form needs an 'in order to'?
6. Does 'trembling' or 'wriggling' give a better sense?

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that both the candidates had been duly elected.



The Chairman announced that no meeting of the Medical Section had as yet been arranged to be held during the current month.

The Chairman announced that the Annual Meeting of the Society would be held on Monday, the 1st of February, 1937, and invited the members present to communicate to the General Secretary the names and addresses of non-members to whom they wished invitations to be issued.

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FEBRUARY, 1937.

*No Meeting.*

—◇—

MARCH, 1937.

*No Meeting.*

—◇—

APRIL, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT:

DR. A. M. HERON, D.Sc. (Edin.), F.G.S., F.R.G.S., F.R.S.E., F.R.A.S.B., Vice-President, in the Chair.

*Members :*

Bagchi, R.B. K. N.  
Bose, Mr. M. M.  
Guha, Dr. B. S.  
Hora, Dr. S. L.  
Hosain, Dr. M. H.  
Jain, Mr. C. L.

Manen, Mr. Johan van  
Mookerjee, Mr. B. G.  
Mullick, Mr. M. L.  
Neogi, Dr. P.  
Olpadvala, Mr. E. S.  
Wadia, Mr. D. N.

*Visitors :*

Blair, Mr. A. P.  
Blair, Mrs.  
Bose, Mr. H. K.  
Chatterji, Mr. B. K.

Macfarlane, Mr. J. B.  
Macfarlane, Mrs.  
Nair, Mr. K. K.  
Sarkar, Mr. S.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of nineteen presentations of books, etc., which had been placed on the table for inspection.



The following candidates were balloted for for election as Ordinary Members:—

(3) *Sharafuddin, S.*, M.A., B.L., Bengal Educational Service, Professor of Arabic and Persian, Islamia College; 72-2, Taltollah Lane, Calcutta.

Proposer: A. H. Harley.

Seconder: Ramaprasad Chanda.

(4) *Gupta, Miss Karunakana*, M.A., Professor of History, Bethune College, 181, Cornwallis Street, Calcutta.

Proposer: D. R. Bhandarkar.

Seconder: Chintaharan Chakravarty.

(5) *Sufi, M. E.*, B.A., D.P.H., L.R.C.P.E., L.R.C.S.E., L.F.P.S.G. Assistant Director of Public Health, Bengal (retired), 8-A-1, Elliot Lane, Park Street, Calcutta.

Proposer: A. F. M. Abdul Ali.

Seconder: D. R. Bhandarkar.

(6) *Sahni, Mulk Raj*, M.A. (Cantab.), D.Sc. (Lond.), D.I.C., Geologist and Palæontologist, Geological Survey of India, 27, Chowringhee, Calcutta.

Proposer: A. M. Heron.

Seconder: S. N. Wadia.

(7) *Wolfenden, Stuart N.*, Beverly Hills, California, U.S.A.

Proposer: Johan van Manen.

Seconder: Sir U. N. Brahmachari.

(8) *Roy, David*, Assam Civil Service, Shillong, Assam.

Proposer: B. S. Guha.

Seconder: J. N. Mukherjee.

(9) *Shirazi, Mohammed Ali*, M.A., Lecturer, Calcutta University; 53A, Theatre Road, Calcutta.

Proposer: M. Hidayat Hosain.

Seconder: Suniti Kumar Chatterji.

(10) *Mooney, Herbert Francis*, M.A. (Oxon.), I.F.S., Forest Adviser, Eastern States, Sambalpur, B.N.Ry.

Proposer: C. C. Calder.

Seconder: R. N. Chopra.

(11) *Asari, J. R.*, B.A. (Hons.) Retired Assistant Controller of Printing, Stationery and Stamps, Government of India, 79, Wellesley Street, Calcutta.

Proposer: M. Hidayat Hosain.

Seconder: M. Mahfuzul Haq.

(12) *Sattar, The Hon'ble Mr. Abdur Razzak Hajie Abdus*, Member, Council of State, 25, Harinbari Lane, P. O. Bowbazar, Calcutta.

Proposer: M. Hidayat Hosain.

Seconder: Johan van Manen.

(13) *Sen, Kshitimohan*, M.A., Shastri, Principal, Vidyabhavana, Visva-Bharati, Santiniketan, Dt. Birbhum, Bengal.

Proposer: Suniti Kumar Chatterji.

Seconder: J. N. Mukherjee.



The General Secretary reported that Raja Kshitindra Deb Rai Mahasai of Bansberia Raj whose name had been removed from the member list of the Society in 1935, under Rule 38, had now regularised his subscription and that the Council now proposed his re-admission as a member.

The General Secretary reported the deaths of:—

- (1) Mr. Kamakhyanath Tarkabagisa (An Honorary Fellow since 1911).

The General Secretary reported receipt of news of the death of an old relation of the Society:—

Dewan Bahadur L. K. Anantakrishna Iyer (An Associate Member, from 1910 to 1928).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (1) N. S. Daver (An Ordinary Member, 1934).
- (2) J. F. Blakiston (An Ordinary Member, 1936).
- (3) P. C. Duncan (An Ordinary Member, 1934).
- (4) S. K. Datta (An Ordinary Member, 1925).
- (5) D. N. Mitter (An Ordinary Member, 1924).

The General Secretary reported that the election of:—

- (1) S. N. Banerjee (elected on 7-10-35),
- (2) T. N. Banerjee (elected on 7-12-36),

had become null and void, under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

The General Secretary reported that the constitution of the various standing committees of the Society for the year 1937-38, to be as follows:—

*Finance Committee:—*

President	} <i>Ex-Officio.</i>
General Secretary	
Treasurer	
Dr. Baini Prashad.	
Dr. J. N. Mukherjee.	
Mr. K. C. Mahindra.	
Sir U. N. Brahmachari.	

*Library Committee:—*

President	} <i>Ex-Officio.</i>
General Secretary	
Treasurer	
Philological Secretary.	
Jt. Philological Secretary.	
Nat. Hist. Secretary (Biology).	
Nat. Hist. Secretary (Phy. Science).	



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Anthropological Secretary.  
 Medical Secretary.  
 Library Secretary.  
 Sir U. N. Brahmachari.

*Publication Committee:—*

President	} <i>Ex-Officio.</i>
General Secretary	
Treasurer	
Philological Secretary.	
Jt. Philological Secretary.	
Nat. Hist. Secretary (Biology).	
Nat. Hist. Secretary (Phy. Science).	
Anthropological Secretary.	
Medical Secretary.	
Library Secretary.	
Sir U. N. Brahmachari.	

The General Secretary reported that the Council had recommended the re-election of the following gentlemen as Associate Members of the Society for a further period of five years, under Rule 2.

1. Rev. Pierre Johannes, S.J.
2. M.M. Anathakrishna Shastri.
3. Mr. Nagendra Nath Vasu.

The following papers were read:—

1. MRS. EILEEN J. W. MACFARLANE.—*The Jewish Communities of Cochin, India : their racial Affinities.*

The Jews of Cochin totalled 1,451 in 1931, divided into two endogamous communities, the White and the Black Jews.

The White Jews, a minority of under 150, claiming origin from Palestine in the first century A.D., came to Cranganore, Cochin, where they were given autonomy over their estates, as well as other special privileges by an ancient Raja. Antique copperplate deeds which record these grants are still in their possession. They aver that the Black Jews are the descendants of Indian convert slaves of their ancestors, and are not of the Jewish race.

The Black Jews declare that they are descended from Jews who came from Palestine before the Christian era, and explain their brown skins by a long sojourn in the Tropics. They claim that their ancestors owned the Cranganore estates and privileges, that the White Jews are new arrivals within the past 400 years who took the copperplate deeds from them.

There are also two small sub-communities, one connected with each of the main groups. These are: (1) the descendants of White Jews and converted Indian concubines; (2) descendants of freed slaves and of Indian convert concubines of Black Jews. They are called Manumitted Jews. This proves that it has been customary here to free the Jewish children of servants and slave women.

About fifty years ago the Black Jews appealed to the Chief Rabbi who declared that all of them were entitled to the full religious and social status of true Jews, providing that they observed the Law and their women and children took the Rabbinical bath called *Tabita*.



Serological data were obtained in order to throw light on this controversy. They show that the distribution of the blood groups in the two communities is entirely dissimilar. The White Jews show 62% Group A. This is due to inbreeding for the two largest families, who have intermarried frequently, are now apparently homozygous for gene A. The Black Jews show a disproportionate high percentage of Group O—73.6%. This group was found to be very high among the low castes and out-castes of Cochin. Native slaves and concubines would come from these poor classes, and the chances are 7 to 3 that a low class woman will carry the recessive gene R of Group O. Additions to the community have evidently taken place from Group O persons. Physically the Black Jews resemble the local Moplah Mohammedans who are descended from Arab traders and local women.

Consideration of the judgment of the Great Rabbi concerning the Black Jews, and of the blood grouping and physical anthropology of Jewish communities in other parts of the world, shows that Judaism is a culture and not a race in the biological sense. Jewish people in different regions are dissimilar in racial make-up. In Cochin, social classes have become endogamous castes. Since the Jews are patriarchal, children belong to the father's 'race', the Black Jews are right in contending that they are 'true Jews'. When the descendants of Indian converts and slaves attained full Jewish status they were socially ostracized by the select 'White' group, therefore they would be absorbed by the 'Black' community. Thus the proportion of original Semitic genes in the Black Jews must be low. The White Jews have practised strict inbreeding, but they have been joined by Jews from Arabia, the Near East, North Africa, Spain and Germany during the past 450 years.

The existence of a Jewish principality at Shingli (Cranganore) rests only on tradition, and the date and exact meaning of the copperplate grants are controversial. Both communities had the right to fire salutes at dawn on wedding days from a cannon. In the seventeenth century the Dutch Governor Moens remarked upon the fact that they exercised this right which was otherwise reserved for princes.

Local traditions reveal that there has always been enmity between the White, or Jews of non-Indian blood, and the descendants of mixed alliances. According to the White Jews internal strife among the Jews at Cranganore caused the Black Jews to be driven out in the 14th century, when the latter came to Cochin Port and built a synagogue. Later Mohammedan raids and Portuguese persecutions forced them all to leave their original settlement in the 16th century. These refugees also went to Cochin Port where the Raja gave them part of the grounds of his palace on which to build a synagogue. This synagogue, with all the records, was burned by the Portuguese in 1662 and rebuilt with the help of the Dutch in 1664. It is now called 'Parathesi'. The original name may have been 'Paradissus' from its situation in the Raja's park or garden.

The synagogues of the Black Jews are named after the two synagogues of Cranganore. They possess seven in this region.

All the White Jew families now living are descended in the male line from Jews who immigrated to India in the past 450 years. The fact that they have a few customs and ceremonies which are unknown to Jews elsewhere but common to the Black Jews, including *thali*-tying at home by the bride's mother, two pulpits in the synagogue and the absence of a canopy at weddings, show that the two communities have a common cultural source. This is presumably the ancient traditional Jewish colony at Shingli (Cranganore).

Physical measurements and genealogical diagrams are given for some families of the White Jews. They reveal a high degree of heterozygosity including two distinct head types, one brachycephalic and the other mesocephalic. Several of these people are blond. There is inherited insanity and diabetes among them, but many are healthy and well-



endowed mentally. Photographs are given to show some types among the White and Black Jews.

The traditions of both communities have been correlated and peculiar customs of the White Jews recorded for the first time.

New sources of historical data (French and Portuguese) have been revealed.

A photograph of the Jewish copperplates has not heretofore been published to the writer's knowledge.

2. J. C. DE.—*The development of the theory of divine nature of kings in Assam.*

An analysis of the terms used in inscriptions regarding Assamese Kings shows a definite tendency towards their deification.

The history of Assam may be roughly classified into three periods: early historical, Ahom and British. An analysis of the inscriptions shows that during the Ahom period there is a tendency to surround the king with mystic symbols, to make him participate in religious observances, to employ semi-divine priests as his advisers, to use the same words for deya and monarch, to ascribe to the earthly king descent from the king of heaven.

3. K. KRISHNAN NAIR.—*An abnormal specimen of Silurus Cochinchinensis Cuv. and Val. showing eversion of stomach into the pharyngeal cavity.*

Description of a large tumour-like growth in the mouth of a specimen of *Silurus Cochinchinensis* Cuvier and Valenciennes, belonging to a collection of fish made by V. P. Sondhi in the Southern Shan States, Burma. Reference to a similar abnormality in a Brown Trout (*Salmo fario* Linn.) recently studied by D. D. Mukerji.

4. D. D. MUKERJI.—*An abnormal brown trout (Salmo fario Linn.) showing eversion of stomach into the pharyngeal cavity.*

Specimen of adult male of *Salmo fario* Linn. collected from amongst the fry in the local brown trout hatcheries, Kagan Forest Division, Hazara District, N.-W.F.P., where an epidemic of high mortality occurred.

A massive thumb-shaped structure was found on opening the pharynx. The structure proved to be formed as a result of the complete eversion and prolapsus of the proximal loop or the broad cardiac portion of the siphonal stomach into the pharyngeal cavity. The structures immediately following were pulled forwards and inwards and drawn into the everted sac in front of the gullet which also is everted and forms the posterior end of the sac. Detailed account of the abnormalities. Note concerning the probable mode of the ingestion of food. Illustrations.

5. M. H. KYAW and G. E. GATES.—*The earthworm population and the formation of castings in Rangoon, Burma.*

The investigation was made in Rangoon during the rainy season, 1935, on two sample plots, ten feet square. Description of method. Statistical results. From the first plot 238 worms were collected belonging to at least six species, from the second plot 168 worms also belonging to at least six, but not all the same, totalling eight species. The number of juvenile acitellate and clitellate individuals was counted for each species. The average of earthworm population per acre as the basis of the two results works out at an average of 88,426.

Two types of castings were collected and weighed and analyzed. Influence of rainfall on formation of castings. Calculation of estimated amount of dry earth deposited as castings per acre results in 11,606 and 13,824 tons per acre for a period of a hundred days.



6. KALIPADA BISWAS.—*Common Diatoms of the Loktak Lake, Manipur, Assam.*

Specimens collected by Dr. S. L. Hora and the late Dr. N. Annandale in 1920, from the Loktak Lake, Manipur. General introduction. Description of ten species. Illustrations.

7. K. SEN.—*Some notes on rural customs of Dinajpur District.*

More or less disjointed notes on some customs observed in the interior of the Dinajpur District, Area. Population. Hinduizing tendency amongst the Raybangshis, consequent change in the position of women, as well as in their costumes. Industries. Religious pantheon. Kali-worship. Protection against snake-bite. Cure of stomach-ache. Muhammadan Jumma-ghars. Tombs of saints. Rent-free lands attached to Hindu temples and Muhammadan shrines. Mandal-ship, selection of village headmen. Magical customs and rites. Conclusion: as the population is still primitive there may be some features which are not commonly found elsewhere.

The Chairman announced the result of the ballot for the election of Ordinary members and declared that all the candidates had been duly elected.

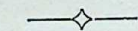
The Chairman announced that no meeting of the Medical Section had as yet been arranged to be held during the current month.

The Chairman announced that a General Lecture would be delivered in the Society's Hall on Monday the 12th April, 1937, at 6 P.M.

Lecturer: DR. HERMANN GOETZ, Ph.D., Leyden, Holland.

Subject: *The History of Mughal Civilization as reflected in its Art.*

Notices of this lecture would be issued to all the members during the week, and members were requested to communicate to the Society's office names and addresses of non-members to whom they wished invitations to be issued.



MAY, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd at 5-30 P.M.

PRESENT:

D. N. WADIA, Esq., M.A., B.Sc., F.R.G.S., F.R.A.S.B.,  
Ordinary Member, in the Chair.

*Members:*

Agharkar, Dr. S. P.  
Chakravarty, Mr. C.  
Chatterji, Mr. P. P.  
Choudhury, Mr. R. B.  
Deb, K., Rai Mahasai  
Ghose, Mr. T. P.  
Groth, Mr. E.

Harley, Mr. A. H.  
Hobbs, Mr. H.  
Hosain, Dr. M. H.  
Ledrus, Rev. M.  
Manen, Mr. Johan van  
Sen, Mr. J. M.  
Singhania, Mr. R. P.



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Visitor:

Syed Moulana Abul Fakhar.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of nine presentations of books, etc., which had been placed on the table for inspection:—

The General Secretary reported that there had been no loss of membership, since the previous meeting, by death.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election, since the previous meeting, under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

In accordance with Rules 37 and 38, the General Secretary reported that the names of the following Ordinary Members would be suspended as defaulters within the Society's building for a month to be removed from the Society's registers for non-payment of dues unless the amount due be paid before the next Ordinary Monthly meeting.

	Due Rs.
1. N. C. Bhattacharya .. ..	117
2. D. M. Captain .. ..	99
3. S. N. Das-Gupta .. ..	105
4. S. K. Deb .. ..	72
5. Matiur Rahman Khan .. ..	78
6. Hirde Narain .. ..	60
7. R. H. Parker .. ..	117
8. T. E. Rogers .. ..	66
9. Count Ohtani .. ..	84
10. A. G. Henderson .. ..	50

In accordance with Rules 2 and 13, the Chairman called for a ballot for the re-election as Associate Members of the Society of:—

1. MM. Ananthakrishna Sastry.
2. Rev. Pierre Johannes, S.J.
3. Mr. N. N. Vasu.

proposed for election in the last Monthly Meeting.

The Chairman called upon Dr. B. S. Guha to read an obituary notice of Dewan Bahadur L. K. Anantha Krishna Iyer. Dr. Guha read the obituary notice. (See page 131.)

The Chairman called upon Mr. Chintaharan Chakravarti to read an obituary notice of MM. Kamakhyanath Tarkabagisa. Mr. Chintaharan Chakravarti read the obituary notice. (See page 132.)



The following paper was read:—

1. A. H. HARLEY.—*The Child-world and the Child in Araby.*

General introduction: the older psychology rarely features the child in sculpture or painting, and does not cater for him in literature till a late date; recognition of the play-instinct is comparatively recent.

A number of games played by children in the Arab tribes are here illustrated from the oldest literature: e.g. Mock Fights; the Whirligig or Saw; 'Conkers'; Tip-cat; the Spinning-top; Pebbles and Holes; Hand-ball; etc.

The following exhibits were shown and commented upon:—

1. M. HIDAYAT HOSAIN.—*Kitāb al-I'lān; a very rare and original Manuscript in the Society's Collection.*

This manuscript is a combination of six treatises on different branches of Arabic learning in one work. When it is read in the usual manner it deals with the jurisprudence of the Zaidi sect of Islam, but when a page is read from top to bottom, which is divided into five columns in red ink, each column deals with five branches of Arabic learning, viz. (1) Prosody and Rhyme, (2) Syntax, (3) Etymology, (4) Logic, and (5) the correct pronunciation and the various readings of the text of the Qur'ān. The author of the work is Shihāb ad-Dīn Ahmad bin 'Abdallāh as-Sullami and it was composed in A.H. 1115 (A.D. 1703). No other copy of his work is known.

2. M. HIDAYAT HOSAIN.—*Arabic biographical Works in the Society's Library.*

This collection of books deals with the biographies of companions of the Prophet, commentators of the Qur'ān, poets, writers, traditionists and saints of the Islamic world. It consists of about 71 works, of which some comprise several volumes.

3. CHINTAHARAN CHAKRAVARTI.—*The Society's Collection of Manuscripts of the Tantrasāra in non-Bengali Scripts.*

Though there are numerous Sanskrit works of a comparatively earlier age possessing a general interest and enjoying an all-India popularity, the provinces in comparatively later years developed provincial literatures of regional and limited interest, little known beyond their territorial borders. A special significance therefore attaches to the find of manuscripts of works of one province in places beyond its limits and specially in scripts not in use therein.

The Society's collection, made principally in Bengal, contains manuscripts in the Bengali script of a good number of works composed in other parts of the country. Manuscripts of works, produced in Bengal, copied in non-Bengali scripts, however, figure very poorly in this collection though such manuscripts are known to exist in different parts of the country.

The Society's collection of manuscripts of the *Tantrasāra* of Kṛṣṇānanda is specially interesting in this respect. It is a sixteenth century work on Tantra-rituals very popular in Bengal. But the Society's manuscripts of the work are almost all in non-Bengali scripts. The two complete manuscripts (4755, 11283) are in the Newari script. There are also two manuscripts in the Nāgarī script (10355, 11176) containing only extracts. Portions of the work are found in a mutilated form, with occasional omissions intervening, in two manuscripts, one (11204) in Nāgarī and the other in Newari (11354), as also in a Bengali manuscript (5015)—the only one in Bengali character—where the order of the topics is different from that in the *Tantrasāra*. It is not known if the last three manuscripts



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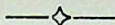
## Ordinary Monthly Meetings.

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belong to works based on the work of Kṛṣṇānanda like Rāmānanda's *Saṅgraha*, of which there is a manuscript in the Society (II. A. 48), complete in ten chapters. It is also possible that the *Tantrasāra* along with other works borrowed from the same source which, or rather fragments of which, can be traced in these manuscripts as well as in works like the *Syāmārahasya*, sections of which (e.g. *Savasādhana*) closely agree with similar sections of the *Tantrasāra*.

The Chairman announced the result of the ballot for the re-election of Associate Members and declared that the candidates set forth in the ballot paper had been duly elected.

The Chairman announced that no meeting of the Medical Section had as yet been arranged to be held during the current month.



JUNE, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th at 5-30 P.M.

## PRESENT:

RAI SIR UPENDRA NATH BRAHMACHARI Bahadur, Kt., M.A., M.D., Ph.D., F.S.M.F., F.R.A.S.B., F.N.I., Vice-President, in the Chair.

## Members:

Ahmed, Mr. S.  
Deb, K., Rai Mahasai  
Dugin, Mons. L. S.  
Dutt, Mr. M. N.  
Ezra, Sir David  
Groth, Mr. E.  
Hobbs, Mr. H.

Hora, Dr. S. L.  
Hosain, Dr. M. H.  
Lal, Dr. R. B.  
Manen, Mr. Johan van  
Prashad, Dr. B.  
Saha, Dr. Meghnad

## Visitors:

Ghose, J. C.

Podewils-Durn, Countess von

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of seven presentations of books, etc., which had been placed on the table for inspection.

The General Secretary reported that no applications for membership in the Society had been received, since the previous meeting.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by death.

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (6) Chandmall Sarawgi (An Ordinary Member, 1936).
- (7) W. H. Bates (An Ordinary Member, 1934).
- (8) Rev. M. Ledrus (An Ordinary Member, 1934).



The General Secretary reported that there had been no lapses of election, since the previous meeting, under Rule 14.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

In accordance with Rule 38, the General Secretary announced that the names of the following Ordinary Members who had, since the last meeting, been suspended as defaulters within the Society's building, had been now removed from the Society's registers for non-payment of dues:—

1. N. C. Bhattacharya.
2. D. M. Captain.
3. S. N. Das-Gupta.
4. S. K. Deb.
5. Matiur Rahman Khan.
6. R. H. Parker.
7. T. E. Rogers.
8. A. G. Henderson.

The following paper was read:—

1. G. E. SHAW and E. O. SHEBBEARE.—*The Fishes of Northern Bengal.*

The paper is in the form of a hand-book of the fish of Northern Bengal and embodies observations made in the field by the authors over a period of fifteen years. The material was obtained from the rivers, streams and ponds in the hills and plains of the Darjeeling District and the adjoining Duars. The species collected from bazaars are also listed, but such names are enclosed in brackets. The species, previously recorded by earlier workers, but not by the authors are also recorded to complete the list. Local vernacular names, Bengali names and Hindi names of the different species are given and wherever possible biological notes are added.

Identification tables for families, genera and species are included and to facilitate reference the serial number of the species in the 'Fauna' is given.

All the species are illustrated either in the text or in plates, so that there is a complete atlas of the species known from Northern Bengal. Most of the illustrations are original, the others are borrowed from other sources.

The following exhibits were shown and commented upon:—

1. JOHAN VAN MANEN.—*Two recent publications for which Manuscripts from the Society's Collections have been utilized.*

Like all other Manuscript Libraries the Society constantly lends out manuscripts for utilization in the production of scholarly editions or studies. Recently two important publications have been issued for which MSS. from the Society's library have been used. They are:

- (1) Studien zur Textgeschichte des Rāmāyana, by Walter Ruben. Stuttgart.
- (2) Nilamata or the teachings of Nila, Sanskrit text with critical notes, edited by K. de Vreese, Leiden.

2. JOHAN VAN MANEN.—*A glossary and concordance to Firdausi's Shahnama.*

The recent millenary of Firdausi has been celebrated not only in Persia but throughout the civilized world. The German Empire has



published, as a jubilee gift, a sumptuous volume, with supplement, containing a complete glossary and word-concordance to the Shahnama. The author is Fritz Wolff. The main volume, of over 900 quarto pages, contains the glossary and word-concordance, whilst the smaller supplementary volume contains a verse-concordance to the three editions by Macan, Vullers and Mohl. The work has been published by the 'Notgemeinschaft' of German Science in association with the German Oriental Society, who have kindly presented the Royal Asiatic Society of Bengal with a copy of these most valuable volumes.

The following communication was made :—

1. JOHAN VAN MANEN.—*Bodding's Santal Dictionary.*

Until recent decades the lexicographical treatment of the many languages of India was with one exception rather primitive. The one exception was the great Sanskrit Dictionary by Böhtlingk and Roth, published in St. Petersburg in seven gigantic volumes, from 1855 to 1875. None of the vernaculars, until quite recently, show anything comparable to that work. Of late a great improvement has taken place, though in certain cases bulk and methodical treatment have not been commensurate. In 1925 Stede's Pali-English Dictionary became complete, in 1931 Turner's Nepali Dictionary, and in 1932 Grierson's Kāshmiri Dictionary. For several vernaculars extensive and detailed dictionaries are in course of publication. Last year P. O. Bodding completed his Santal Dictionary, a monumental work in five volumes, containing over 3,400 large octavo pages. The nucleus of the material had been collected by Skrefsrud before 1890 when the Rev. Bodding arrived in India to work amongst the Santals as a missionary. In about 1905 Mr. Bodding had increased the number of words from an initial 13,000 to about double that number. From 1905 regular work on the dictionary had to be laid aside for about 20 years, but in 1924 the work was taken up again and became the author's principal occupation. During that time Mr. Bodding had not only been speaking the Santal language daily, but had studied it with the greatest care. In 1903 he had provisionally finished the translation of the Bible into Santali. From 1924 to 1934, another 10 years, the dictionary remained Mr. Bodding's main preoccupation. Notwithstanding his thorough knowledge of the language the author took the greatest care to ensure the reliability of his data, so necessary in the case of a practically unwritten language. When working on the dictionary he had always Santals sitting with him, never less than three at a time. These, the author says, were intelligent men with experience and knowledge of the people and their customs. The author is a linguistic scholar of great gifts, quite apart from his specific knowledge of the Santal language. He has been at pains to indicate possible correspondences with other Munda idioms. The dictionary is exceedingly rich in its record of idiomatic expressions and combinations. Throughout the work a wealth of information of ethnological interest is to be found, and a special index to the relevant headings is added to the work. With this life-work of over 40 years' duration, terminated by the issue of the last volume in 1936, Mr. Bodding has erected a monument to himself and produced a linguistic document unrivalled for any Indian aboriginal idiom.

The Chairman announced that no meeting of the Medical Section had as yet been arranged to be held during the current month.

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JULY, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.



## PRESENT:

RAI SIR UPENDRA NATH BRAHMACHARI BAHADUR, Kt.,  
M.A., M.D., Ph.D., F.S.M.F., F.R.A.S.B., F.N.I., Vice-President  
in the Chair.

## Members:

Bose, Mr. M. M.  
Brahmachari, Dr. P.  
Chakravarti, Mr. C.  
Chatterji, Dr. S. K.  
Dutt, Mr. M. N.  
Haq, Mr. M. Mahfuz-ul

Hosain, Dr. M. Hidayat  
Manen, Mr. Johan van  
Mookerjee, Mr. B. G.  
Rahman, Mr. S. K.  
Wadia, Mr. D. N.  
West, Mr. W. D.

## Visitor:

Taifoor, Mr. Syed M.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of ten presentations of books, etc., which had been placed on the table for inspection.

The following candidate was balloted for election as an Ordinary Member:—

(14) *Mukherji, Pannalal, Rai Bahadur*, Zemindar and Honorary Magistrate, 7, Rajmohan Road, Uttarpura P.O., Dt. Hooghly.

Proposer: M. M. Bose.

Seconder: M. L. Mullick.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by death.

The General Secretary reported that there had been no loss of membership, since the previous meeting, by resignation.

The General Secretary reported that there had been no lapses of election, since the previous meeting under Rule 9.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.

The following paper was read:—

1. S. K. BANERJI.—*The Qūwat-ul-Islām, the oldest Mosque in Delhi.*

In this paper, the author deals with the history of the mosque, Qūwat-ul-Islām, or the Jāmi' Masjid, in Qil'a-i-Rai Pithaura (Delhi) as derived from the inscriptions over the inner eastern gateway of the mosque. Comments on the readings of the inscription. Description of the mosque, its courtyard and the old Hindu remains found in it. Discussion concerning the date of the first conquest of Delhi by the Muslims. Description of the central arch, the screens and the arches. Erection of the mosque attributed to Qutb-ud-Din. A study of his character as depicted by the Qūwat-ul-Islām. Iltutmish's and 'Ala'-ud-Din's extensions to the mosque. Its later history.

Conclusion. The Qūwat-ul-Islām is a landmark in Indian history representing the ushering in of a new era in Indian culture and politics. Culturally, it marks the happy fusion of the two building traditions,—Hindu and Muslim,—and leads to a vigorous cultivation of architecture as a science and art. The Hindu richness and elaboration of detail,



combined with the Muslim love for symmetry and art purity, produced what may be designated as an Indian style of architecture. And this style marks off the Muslim buildings of India from the other Saracenic buildings of the world. The mosque is a harbinger that proclaims in the twelfth century the advent of a force which working under the indigenous inspiration and stimulus produced such masterpieces as the Taj and Shahjahanabad. It symbolizes also politically the might and majesty of Islam that had been able to conquer Hindustan. This edifice may therefore be taken to mean literally an announcement in brick and mortar of the change of government, the Rajput supremacy 'yielding place' to the Muslim domination.

Historically, the Qūwat-ul-Islām is important for the reason that it is the result of the efforts of three important rulers of Mediæval India, Qutb-ud-din, Iltutmish and 'Alā'-ud-Din. It therefore represents and unfolds the history of five centuries of Muslim rule beginning with the establishment of the Slave dynasty in India.

The following exhibits were shown and commented upon :—

1. SUNITI KUMAR CHATTERJI.—*Three old brass utensils with incised designs.*

The three old brasses exhibited were acquired by me about twenty years ago from a brass shop in the old town of Gaya. Two are hexagonal dishes, one regular, the other oblong (the regular one roughly  $8\frac{1}{2}'' \times 8\frac{1}{2}''$ , the oblong one roughly  $10'' \times 8''$ ), and the third article is a round box with a flat dome at the top of the lid (diameter of base  $6''$ , and height  $4''$ ). The two plates, of old Benares work, are similar in style: each has a wide border with perforations, and an engraved design in the centre surrounded by eight panels with animal decorations. The oblong plate would appear to be the slightly older of the two: they are in the style of the familiar old Benares *lotās*, only the draughtsmanship of the plates though spirited enough is slightly inferior. I would think the plates are about 100 years old—the regular one might be a little younger. The central designs are Hindu (Rajput) miniatures executed in outline on the brass, in the style of 18th century Kangra and Jaipur pictures. The oblong one is that of a girl in Rajput dress, evidently an *abhisārikā* (a young woman going to the tryst during the night): the star border round the figure is noteworthy. The panels round this figure depict two elephants facing each other, two peacocks on either side of a tree, a horse with saddle and trappings, and a boar, with parrots at four corners. The regular hexagonal dish has in the centre a pair of lovers in Rajput dress, seated on a throne or settee, the young man with a sword, the girl doing her hair, with a mirror in front of her; and there are two birds in cages or perched on metal hoops suspended from the ceiling, with an oblong fan with a handle above the head of the girl. The panels depict a deer, with a parrot carrying a fruit in its beak, a tiger, a caparisoned elephant, two parrots facing a tree in the centre, a caparisoned horse, a boar, a peacock with spread-out tail, and another elephant.

The round box, evidently for keeping prepared betel, has perforated decorations in the form of lozenges both around the side and the lid. The lid has a flat lotus design at the top, and separated from each other by the lozenge panels there are four panels with the figure of an elephant, a horse, a humped bull and a tiger (or lion). Similar figures, flanked by perforated panels on either side, are found in the side. The style of drawing for these animals is decidedly different from that found on the plates. There is realism in the figures on the plates: on the box, we have stylization. The bull recalls Chinese work; the elephant is hardly Indian, except in the head contours. The horse recalls the style of Scythic and Celtic art. The tiger (lion ?) also,—although South Indian affinities are known. The head and mouth of all these animals are noteworthy.



Where was this box made? The perforated decorations and the general style of execution are of Benares: but the animal designs are peculiar for Benares. Are these copied by Benares work-men from some foreign, extra-Indian picture? Or are they just a peculiarly stylized Indian treatment, with plenty of affinities within India, though not in agreement with the current Benares style?

One great point to note in the box is the subject of the panels. These four animals feature in the capital of the well-known Sarnath Asoka Pillar. On the top of the pillar facing the four quarters are four fronts of lions—heads and fore-feet; and below, flanked by a *cakra* on either side, are four animals—an elephant, a horse, a bull and a lion, which are the vehicles or symbols of the four *Loka-pālas* (or guardians of the quarters) of Buddhism—viz. *Dhṛtarāṣṭra* (East—Elephant), *Virūdhaka* (South—Horse), *Virūpākṣa* (West—Bull) and *Vaiśravaṇa Kubera* (North—Lion). Brahmanism has its *Loka-pālas*, and they are *Indra* (East—his symbol is the Elephant), *Yama* (South—symbol, the Buffalo), *Varuṇa* (West—*Makara*, a kind of Water-Dragon) and *Kubera* (North—a Man). The box evidently has the symbols of the Buddhist *Loka-pālas*. Is it a case of an unconscious survival of an old Buddhist traditional design (in folk-art), taken up by the craftsmen of Benares?

## 2. CHINTAHARAN CHAKRAVARTI.—*The Society's Collection of Manuscripts of Sanskrit Works on the Game of Chess.*

Though the game of Chess is generally supposed by scholars to be of Indian origin and reference to the game is found in various Indian works from a very early time, works in Sanskrit or in any other Indian language dealing with and describing it are comparatively rare. As a matter of fact no early Indian work on the subject is known, and until very recently the world of scholars had knowledge of very few Indian descriptions of the game. It was only in 1936 that the text of an independent treatise (the *Caturāṅga-dīpikā*) describing the game in detail was published for the first time. But no attempt seems to have yet been made to prepare a bibliography of similar other little-known works still existing in manuscript in different libraries. This is, however, essential for a thorough, systematic and critical study of the extant literature on the subject for investigating the origin and development of the game which enjoys a world-wide popularity. With a view therefore to facilitating the preparation of such a bibliography, manuscripts on the subject deposited in the Royal Asiatic Society of Bengal are hereby brought to the notice of scholars.

The Society possesses seven manuscripts of three works, e.g. the *Vilāsa-maṇi-mañjarī* (8322, IM. 33) composed by Triveṅgaḍācārya under orders of the Peshwa Baji Rao, *Sataraṅja-kutūhala* or *Buddhibala* (8222, 8223, 9737, IM. 3479) in the form of a discourse given by Kṛṣṇa to Rādhā, and the *Caturāṅga-racanā* (?) of Giridhara (10326), son of Śaṅkara and grandson of Śiva, the Astronomer.

## 3. M. MAHFUZ-UL HAQ.—*Three valuable Persian Manuscripts of Jāmī's* (1) *Sharḥ-i-Rubā'īyyāt*, (2) *Lawā'ih*, and (3) *Lawā'mī*, transcribed by Sultān 'Alī of Mashhad in 882 A.H. (1477-78 A.D.).

Jāmī (d. 898 A.H., 1492-93 A.D.) is among the greatest writers and poets of the 15th century A.D. The three manuscripts which are exhibited are excellent specimens of *Nasta'liq* calligraphy and were transcribed by the greatest calligraphist of his age, viz. Sultān 'Alī of Mashhad, who is styled as *Sultān-al-Kuttāb*, or 'the King of the Calligraphists'. Sultān 'Alī was a friend of Jāmī and he finished the transcription of the manuscripts some 15 years before the death of his author-friend. The MS. of *Sharḥ-i-Rubā'īyyāt*, or a commentary on the Šūfī quatrains, was transcribed in Šafar, 882 A.H. (April, 1477 A.D.); the *Lawā'ih*, or a



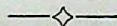
collection of Sūfi doctrines with their paraphrases in Rubā'is (quatrains), was finished in Jumāda I, 882 A.H. (July, 1447 A.D.) and the *Lawāmī*, which constitutes a commentary on an Arabic Qasīda of Ibn al-Fārid, was transcribed on the 3rd Dhū'l-qada, 882 A.H. (6th February, 1478 A.D.).

The manuscripts have beautiful, ornamental vignettes; the text is written in black ink, while the quatrains are written throughout in gold and the Arabic quotations, headings, etc., are given in red, blue or green inks. The MS. is a fine specimen of the art of book-production that flourished in Irān and Central Asia in the 15th century A.D.

The manuscript is preserved in the collection of Mauzavi Saiyyid A. S. M. Taifūr, Calcutta.

The Chairman announced the result of the ballot for the election of an Ordinary member and declared that the candidate had been duly elected.

The Chairman announced that no meeting of the Medical Section had as yet been arranged to be held during the current month.



#### AUGUST-NOVEMBER, 1937.

*No Meeting.*



#### DECEMBER, 1937.

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th, at 5-30 P.M.

#### PRESENT:—

SIR DAVID EZRA, Kt., F.Z.S., M.B.O.U., Vice-President, in the Chair.

#### Members:

Ahmed, Mr. Shamsuddin  
Bose, Mr. M. M.  
Chakravarty, Mr. C.  
Deb, K., Rai Mahasai

Dugin, Mons. L. S.  
Ghosh, Dr. J.  
Ghosal, Dr. U. N.  
Manen, Mr. Johan van

Sircar, Mr. Ganapati

#### Visitors:

Das-Gupta, Mr. C. C.

Sarkar, Mr. N. G.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of twenty-one presentations of books, etc., which had been placed on the table for inspection:

The General Secretary reported that the following candidates had been elected Ordinary Members during the recess months, under Rule 7.



(15) *Ghosh, Jyotirmaya*, M.A. (Cal.), Ph.D. (Edin.), F.N.I., Prof. of Mathematics, Presidency College, 1-A, Rupchand Mukherjee Lane, Calcutta.

Proposer: M. Mahfuz-ul Haq.  
 Seconder: J. N. Mukherjee.

(16) *Bhattacharyya, Nayyan Chandra*, M.Sc., Vice-Chairman, Birnagar Municipality, P.O. Birnagar, Dt. Nadia.

Proposer: M. Hidayat Hosain.  
 Seconder: S. L. Hora.

(17) *Podewils-Durniz, Erdmann Count*, Consul-General for Germany 10, Lower Rawdon Street, Calcutta.

Proposer: A. M. Heron.  
 Seconder: Johan van Manen.

(18) *Sarawgi, Hulaschand Jain*, Partner, Saligram Rai Chunilal Bahadur & Co., Shillong, Assam.

Proposer: M. Mahfuz-ul Haq.  
 Seconder: M. Hidayat Hosain.

(19) *Halim, Abdul*, M.A., Lecturer in History, Muslim University Aligarh, U.P.

Proposer: M. Hidayat Hosain.  
 Seconder: Suniti Kumar Chatterji.

The following candidate was balloted for for election as an Ordinary Member:—

(20) *Chowdhury, Ramananda*, B.A., Sub-deputy Magistrate, P.O. Dhubri, Assam.

Proposer: N. G. Majumdar.  
 Seconder: M. Mahfuz-ul Haq.

The General Secretary reported the following loss of membership, since the previous meeting, by death:

- (2) Sir W. L. Travers (An Ordinary Member, 1929).
- (3) B. K. Basu (An Ordinary Member, 1929).
- (4) H. K. Mitter (An Ordinary Member, 1929).
- (5) Lord Rutherford of Nelson (A special Anniversary Honorary Member, 1934).
- (6) Herman Jacobi (An Honorary Fellow, 1930).
- (7) Sir J. C. Bose (An Ordinary Member, 1895, Fellow 1912).

The General Secretary reported the following loss of membership, since the previous meeting, by resignation:—

- (9) Sharda Prasad (An Ordinary Member, 1931).
- (10) S. M. Jaffar (An Ordinary Member, 1936).
- (11) H. E. C. Wilson (An Ordinary Member, 1934).
- (12) W. J. Moloney (An Ordinary Member, 1924).
- (13) W. S. Urquhart (An Ordinary Member, 1927).
- (14) Mr. Justice S. N. Guha (An Ordinary Member, 1926).

The General Secretary reported that there had been no lapses of election, since the previous meeting.

The General Secretary reported that there had been no withdrawals of application, since the previous meeting.



In accordance with Rule 45, the Chairman announced that the Council submits for confirmation to the meeting the following change in the composition of the Council made at a Council meeting, since the last Ordinary Monthly Meeting:—

Anthropological Secretary: Dr. B. S. Guha, vice Rai Bahadur R. Chanda, resigned.

The appointment was confirmed.

In conformity with Rules 2 and 13, the Chairman announced that the Council had proposed the name of:—

The Rt. Hon'ble Sir John Anderson,  
for election as an Honorary Fellow of the Society.

The General Secretary stated the grounds on which the recommendation was made.

The following paper was read.

1. C. C. DAS-GUPTA.—*A bibliography of ancient Indian terra cotta figurines.*

The present paper is the first attempt to give a complete bibliography of ancient Indian terracotta figurines. In the bibliographical section 175 articles, alphabetically arranged according to the authors' names, have been briefly summarized with reference to find-spot, age, description and other important details. Three indexes dealing with author, find-spot, subject and geography have been added.

The following exhibit was shown and commented upon:—

1. CHINTAHARAN CHAKRAVARTI.—*Manuscripts of Tantra work giving inter alia the family history of the royal patron of the author.*

The *Mallādarśa* of Premanidhi Pantha (18th century), author of a number of works on Tantra rituals, is a ritualistic treatise which describes *Yantras* or symbolic diagrams essential in the Tantra form of worship. But the chief interest of the work is historical and not ritualistic. The description in it of each *Yantra* is concluded by a verse describing the author's patron or one of his ancestors, children or relatives referred to as having obtained success through the worship of the *Yantra* under description. It is gathered from these verses, more than 80 in number, that Malaivamma, the patron of our author, who ruled over the hilly country called Rukma, situated on or near the mountain called Tākama, was the son of Ghanaśyāmamalla and Pārvaṭi (daughter of Virabhadra) and grandson of Sāhamalla. It is stated that he married Mahalavasantā, daughter of Dalasāhi and Subhadra, whose dominions lay on the hill called Khānci. As many as seven sons were born to the king each of whom has a verse devoted to him. The magnanimity of the king, especially with reference to the author, is extolled and it is definitely asserted that he gave to Premanidhi considerable property and a house in Benares. It is further stated that he consecrated a temple to god Śiva at the confluence of the Maṅgalā and the Gaṇḍakī. He also secured the release of king Mustān who was made prisoner in Kākāveṇi by Jumaliśvara.

The following communication was made:—

1. L. S. DUGIN.—*Possibilities of the Persian Quatrain.*

A consideration of the variations in the metre, mathematically treated, with literary illustrations.



On account of the lateness of the hour the communication by Mr. Johan van Manen on "*The study of Heráclitus*" was postponed to a subsequent meeting.

The Chairman announced the result of the ballot for the election of the Ordinary Member and declared that the candidate had been duly elected.

The Chairman announced that no meeting of the medical section had as yet been arranged to be held during the current month.



## OBITUARY NOTICES.

DEWAN BAHADUR DR. L. K. ANANTHAKRISHNA IYER.

(1862-1937.)

Dewan Bahadur Dr. L. K. Ananthakrishna Iyer, who died on the 26th February last in his native village of Lakshminarayanapuram, Palghat, at the age of 75, was one of small band of pioneers in Indian Anthropology. He was for several years the Curator of the Museum at Trichur and Superintendent of Ethnography of the Cochin State. His first important work on the Cochin Tribes and Castes was published in 1909 in two volumes which attracted the attention of European and American scholars. He followed this up with his monograph on the Syrian Christians and was entrusted in 1924 with the task of completing and editing the Ethnographic Survey of Mysore begun by the late Dewan Bahadur H. V. Nanjundayya in 1903. The large mass of materials on the 34 tribes and castes of Mysore collected by Dewan Bahadur Nanjundayya was sifted and edited by Dr. Iyer who made also large additions, and published the work in four volumes.

Dr. Iyer's reputation as an Anthropologist led to his being invited by the late Sir Ashutosh Mookerjee to organise the Department of Anthropology in the Calcutta University of which he remained the Senior Lecturer and Head of the Department till his retirement in 1932. During his tenure in the Calcutta University he conducted several field trips with advanced students of Anthropology, and published some important papers on the social and religious institutions of the peoples of India.

Dr. Iyer visited Europe in 1934 when he was given the degree of Hon. Doc. of Medicine of the Breslau University and was elected an Honorary Member of the International Congress of Anthropology, and also one of the Vice-Chairmen of the Sections of Ethnography and Sociology. During this trip Dr. Iyer visited Italy, France and Germany, besides England and delivered several lectures in these countries. After his return from Europe, he was associated with Prof. Cipriani of Italy in carrying out some important anthropological investigations among the Coorgs.

Dr. Iyer was a corresponding Member of the Royal Anthropological Institute of Great Britain and Ireland, the American Bureau of Ethnology and the Anthropological Societies of



Florence and Vienna. He was also a Foundation Fellow of the National Institute of Sciences of India, the Indian Academy of Sciences of Bangalore and Vice-President of the newly founded Indian Institute of Anthropology. He was also an Associate Member of the Royal Asiatic Society of Bengal from 1910-1928.

In his private life the late Dewan Bahadur was very amiable and charming in his manners and his habits were those of a simple orthodox Brahmin.

By his death India has lost a distinguished Indian who made important contributions to our knowledge of the habits and customs of the primitive tribes of India.

B. S. GUHA.

(Read in the Ordinary Monthly Meeting on 3rd May, 1937.)

#### KAMAKHYANATH TARKAVAGISH.

(1842-1936.)

Through the death of Mahāmahopādhyāya Pandit Kamakhyanath Tarkavagish who was well known for his deep erudition in *Navya Nyāya* or the Later School of Indian Logic, sanskrit scholarship of the old and traditional type has sustained a heavy loss. It is true that he enjoyed a long life and died on the 10th March last at the good old age of 94, but it is painful to think that it will be difficult to fill the void caused by his death. As a matter of fact, the traditional type of scholarship—deep and thorough—is fast dying out in every part of India.

The depth of scholarship and the range of studies of old type Pandits like Pandit Kamakhyanath cannot be judged by the literary output left by them, for they spent most of their time in teaching students and disseminating their learning through them. The original ideas of master-minds and the results of the life-long studies—intensive as well as extensive—of great scholars in India, more often than not spread from generation to generation through the medium of successive batches of pupils. So the literary production of Kamakhyanath too, as usual, cannot be supposed to have been in any way proportionate to the extent of his scholarship. He also, like his predecessors and contemporaries, devoted the major portion of his life to teaching in his private *tol*, in the Government Sanskrit College of Calcutta or in the *Pucca tol* (premier Sanskrit School) of Navadvip (Nuddea) where he was Professor to the end of his life. What was surprising to all was his wonderful capacity of efficient teaching in abstruse Logic, which he fortunately retained till almost the time of his death. His principal literary



contributions consist of two original commentaries and a number of editions of medieval Sanskrit texts. His *Kusumāñjalivyākhyāvivṛti* (a sub-commentary on Haridāsa's commentary on the famous *Nyāyakusumāñjali* of Udayana) and his *Saṁkhyā-dīpani* (commentary on the *Saṁkhyakārikā* of Īśvarakṛṣṇa) were published respectively in 1892 and 1900. Of these the first one with which he made his *debut* in the literary field, earned for him the spontaneous appreciation from all students of *nyāya*. He came to be associated with the work of editing Sanskrit texts in the Asiatic Society of Bengal as early as the year 1879 when the *Caturvargacintāmaṇi* (Vol. II, Pt. II) of the *Bibliotheca Indica* series came to be published, with the help of Pandit Kamakhyānath Tarkaratna (a title that is found to have been used down to the time of the publication of the first few fascicles of the *Tattvacintāmaṇi*) and Pandit Yogesvara Smritiratna, on the death of the original editor Pandit Bharat Chandra Siromani, a well-known scholar of *dharmaśāstra* of the time. Kamakhyānath along with his collaborator Yogesvara was also in charge of the publication in 1887 and 1895 of the next two parts of the work (Vol. III, parts I and II) manuscripts of which portion were not available during the life-time of the previous editor. Shortly after this he came to be associated with the editorial work of another publication in the series, the fifth and last fasciculus of the *Nītisāra* (published in 1884), of which the text portion, complete in two fascicles, was edited by Rajendralal Mitra, while of the three fascicles of the commentary, one each, was edited and seen through the press by Pandits Ramanarayana, Jaganmohana and Kamakhyānath Tarkaratna. These editions of works on *smṛiti* and politics in which the *Mahāmahopādhyāya* had not specialized, could not, however, be expected to contain sufficient evidence of the extent of his scholarship which is amply indicated by his *magnum opus*, the edition of the *Tattvacintāmaṇi*. This latter work was also edited by him in the *Bibliotheca Indica* series. It was for about thirty years that he was busy editing this difficult standard treatise on *navya nyāya* along with a very valuable portion of the extensive exegetical literature that grew up round it. It stands to the credit of the *Mahāmahopādhyāya* that it was he who for the first time made an attempt to bring out the whole of this important medieval work, only sections of which were popular among scholars, with a running commentary. It was originally his intention to publish the text with the commentary of Mathurānātha Tarkavāgīśa but he had to remain satisfied with the commentaries of others (Bucidatta, Jayadeva, and Kṛṣṇakānta) on portions of the work on which Mathurānātha's commentary was not available. Thus, Jayadeva's commentary was published on the sections on *samavāyavāda*, *anupalabdhyaprāmāṇya*°, *abhāva*°, *pratyakṣakāraṇa*°, *maṇu*°, *anuvyavasāya*°, *nirvikalpaka*° in the *Pratyakṣa* portion, the *īśvarānumāna* section in the *Anumāna* portion, and the *śaktivāda*.



samāsa°, ākhyāta°, dhātu°, upasarga°, pramāṇacatuṣṭaya-prāmāṇya° in the Śabda portion of the work. Extracts from the commentary of Rucidatta were also added on the above-mentioned as well as some other sections (ucchannapracchannavāda, vidhi° and apūrva°) of the Śabda portion. The Upamāna portion of the work was issued with the commentary of Kṛṣṇakānta whose commentary on the Śabdaśaktiprakāśikā of Jagadīśa is well-known. When this work was finished in five big volumes (of about 4,000 closely printed pages Demy Octavo) the Mahāmahopādhyāya undertook the task of bringing out further important exegetical materials on this highly important text. But his edition of the *Tattvacintāmaṇidīdhitivivṛti* which contains the famous commentary of Raghunātha Śiromaṇi and a sub-commentary thereon by Gadādhara was not completed though about 1,200 pages had been printed off. Special mention should be made in this connection of the valuable notes, which give eloquent testimony to his depth of learning, added here and there by the Mahāmahopādhyāya.

In recognition of his vast scholarship the title of Mahāmahopādhyāya was conferred on Pandit Kamakhyānath by the Government of India in 1900 and the Society honoured him by electing him an Honorary Fellow in September, 1911—an honour that was given to two other Pandits<sup>1</sup> prior to him, Mahāmahopādhyāya Chandra Kānta Tarkalankara who was elected an Honorary Member (a name used before the introduction of the designation 'Honorary Fellow') on August 4, 1894 and Pandit Satyavrata Samasrami who was elected an Honorary Fellow on August 10, 1910.

CHINTAHARAN CHAKRAVARTI.

(Read in the Ordinary Monthly Meeting on 3rd May, 1937.)

HERMANN JACOBI.

(1850–1937.)

With the death of Hermann Jacobi on October 19, 1937, at the age of eighty-eighth year, Indology lost one of its most distinguished votaries. Jacobi was born in 1850 and studied Sanskrit and Comparative Philology in the Universities of Berlin and Bonn. After serving as Professor of Sanskrit at Münster and Kiel he returned to Bonn as Professor of Sanskrit and adorned that chair almost till his death.

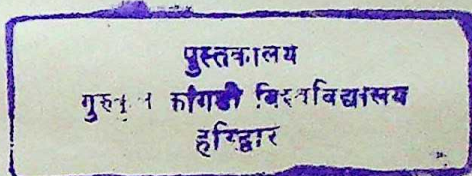
<sup>1</sup> Accounts of the literary activities of these two Pandits will be found in Obituary Notices published in JPASB, 1910, p. cxv, 1911, p. cxiii.



Jacobi travelled in England and in India, and though a profound scholar of Sanskrit in all its branches, Jainism was his special subject. Among his earlier works mention may be made of *Āyāraṅga Sūtra* for the Pali Text Society and the publication of his well-known text-book, *Ausgewählte Erzählungen*, greatly facilitated the study of Jaina Prakrit. His translation of Umāsvāmin's *Tattvārthādhigamasūtra* and his edition of the *Samarāñcakahā* are works familiar to all Indologists. His paper on the Yoga system (SBPAW, 1929) is considered by competent authorities as one of the most brilliant pieces of research on any branch of Indian Philosophy.

Jacobi's works were marked throughout by great thoroughness and accuracy of details and he was without doubt one of the most distinguished of European scholars who devoted their lives to Sanskrit literature and philosophy.

B. S. GUHA.









**PROCEEDINGS OF THE MEDICAL SECTION  
MEETINGS, 1937.**

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*No meeting of the Medical Section was held during the year.*

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The Year-Book of the Royal Asiatic Society of Bengal is a continuation of the following four periodicals published by the Society :

**Asiatic Researches**, I-XX, 1788-1839.

**Journal of the Asiatic Society of Bengal**, I-LXXIII, 1832-1904.

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